



(You are requested to use header as per Institute)

PROJECT FILE INDEX

MCA

Class	MCA
A.Y.	2022-23

Course Code	ITCA1
Course Name	Project
Semester	IV

Sr. No.	Details of the Documents	Doc. Y/N – Check by Academic Head	Doc. Y/N – Check by Director
1.	Vision & Mission of Institute & Department	✓	✓
2.	Academic calendar	✓	✓
3.	Class & Individual Time table	✓	✓
4.	Syllabus Copy	✓	✓
5.	Teaching Plan	✓	✓
6.	Students List	✓	✓
7.	Guide Allocation	✓	✓
8.	Under takings	✓	✓
9.	Synopsis	✓	✓
10.	Project Review Attendance Sheet	✓	✓
11.	Progress Report	✓	✓
12.	Evaluation Sheet	✓	✓
13.	Certificates	✓	✓
14.	Any Other Document	✓	✓


Project Coordinator





VISION, MISSION AND VALUES OF ZIBACAR

The Vision and Mission Statement of the Institute is as follows:-

VISION

Transforming dreams into reality by developing an individual's potentials in the field of Management through spread of knowledge and wisdom in an intelligent environment

MISSION

1. By enriching the knowledge and enhancing the facilities through redefining education to help the zealous students to structure their career to the glorious future.
2. By developing students as a source within and outside the organization through holistic focus on character building along with a range of curricular, co-curricular and extra-curricular activities.
3. By facilitating a harmonious symphony of excellence in teaching with a motivational approach which shall be synonymous with academic rigor, intellectual discipline and sustained efforts to maximize learning.

VALUES

Academic integrity is a commitment, even in the face of adversity, to seven fundamental values that enable academic communities to translate ideals into action.

Fairness
Transparency
Equality
Respect
Peace

The vision of the institute is inherited from the vision of the Zeal Education Society. The mission statements are designed in line with the vision of the Institute. The democratic approach is adopted by the Governing Body of the institute by inviting the suggestions and views from all the stakeholders and considering them while designing the mission of the Institute.





VISION, MISSION AND OBJECTIVES OF MCA DEPARTMENT

VISION

Redefining education in computer application to empower the dreams of budding IT professionals in conducive environment for sustainable and inclusive societal growth

MISSION

1. Transforming intellectual capital into valuable asset by redefining education in Computer Application through innovative and research oriented teaching learning and set an exemplary image for the progress of mankind
2. Providing conducive environment to nurture natural talent and ensure holistic growth of future techno leaders
3. Imbibing ethical values and adopt inclusive approach to achieve sustainable growth of society
4. Inculcating entrepreneurial culture through Industry Institute Interface and mentoring

OBJECTIVES OF THE MCA PROGRAMME

1. To equip the students with requisite knowledge, skills and right attitude necessary to provide effective leadership in a global environment.
2. To develop competent IT professionals with sound technical knowledge, strong ethical values, capable of assuming a pivotal role in various sectors of the Indian Economy and Society, aligned with the national priorities.
3. To develop proactive thinking so as to perform effectively in the dynamic socio-economic and business ecosystem.
4. To harness entrepreneurial approach and skill sets.





MCA Programme Outcomes (POs)

At the end of the MCA programme the learner will possess the following Program Outcome:

PO1: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2: Identify, formulate, research literature, and solve *complex* Computing problems reaching substantiated conclusions using fundamental principles of Mathematics, Computing sciences, and relevant domain disciplines.

PO3: Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.

PO5: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

PO6: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

PO7: Recognize the need, and have the ability, to engage in independent learning for continual development as a Computing professional.

PO8: Demonstrate knowledge and understanding of computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

PO11: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.





Program Educational Objectives (PEOs)

PEO1 : Graduate of MCA program will acquire in-depth knowledge of fundamental concepts, programming skills, analysis, design, Communication skills and development of innovative IT products to meet the industry needs for competitive edge of Indian and global companies.

PEO2: Graduate of MCA program will apply contemporary tools and technologies to create systems for solving industrial, social or environment oriented problems by improving the ability among the graduates to implement innovative and creative ideas by using technical concepts as well as promote managerial skills and entrepreneur sprit.

PEO3: Graduates of the MCA program will be appreciative of the significance of Indian ethos and values in managerial decision making

PEO4: Graduates of the MCA program will be ready to engage in successful career pursuits covering a broad spectrum of areas in corporate, non-profit organizations, public policy, entrepreneurial ventures and engage in life-long learning

PEO5: Graduates of the MCA program will be recognized in their chosen fields for their managerial competence, creativity & innovation, integrity & sensitivity to local and global issues of social relevance and earn the trust & respect of others as inspiring, effective and ethical leaders, managers, entrepreneurs, intrapreneurs and change agents.





Academic Calendar

Academic Year: 2022-23

First Half

Sr. No.	Month	Academic Events
1	November 2022	Commencement of MBA I & II, MCA I & II as per the notification of DTE and Govt. authority.
2	10 to 18/11/2022	As per AICTE Norms SIP: Foundation Course, Club Activity
3	19/11/2022	International Men's Day. Review / Presentation I of MCA II Project.
4	23 to 26/11/2022	Pre-admission Program Commencement Test.
5		Induction Program : Institute and Faculty Introduction, Guest Sessions.
6		Induction Program : Institute and Faculty Introduction, Guest Sessions.
7		Induction Program : Trekking
8		HUV as per AICTE circular.
9		Constitution Day: Celebration
10		Fresher's Party: Date will be declared after discussion.
11	30/11/2022	Review of Portion Completion MBA and MCA
12	December 2022	One Club Activity in each week.
13	03/12/2022	ED Cell Activity, Student Council Elections as per SPPU notification.
14	06/12/2022	Dr. BR Ambedkar's death anniversary
15	10/12/2022	Human Rights Day
16	12 to 17/12/2022	Concurrent Evaluation (CIE) I MBA I & II and MCA I





17	23/12/2022	Kisan Diwas (Farmer's Day)
18	24/12/2022	National Consumer Rights Day
19	30/12/2022	Review of Portion Completion MBA and MCA
20	31/12/2022	New Year's Eve. Review / Presentation 2 of MCA II Project.
21	01/01/2023	New Year's Day, Global family day.
22	January 2023	One Club Activity in each week.
23	07/01/2023	Internal SIP Presentation & Viva MBA II.
24	10/01/2023	World Hindi Day
25	12/01/2023	National Youth Day : Birth Anniversary of Swami Vivekananda
26	09 to 13/01/2023	Concurrent Evaluation (CIE) 2 MBA I & II and MCA I
27	12 to 17/01/2023	Traditional day and Other days.
28	14/01/2023	Makar Sankranti: Holiday
29	15/01/2023	Indian Army Day. Final submission of Project MCA II.
30	21/01/2023	Internal Project Exam. Of MCA II.
31	26/01/2022	Republic Day Celebration: Flag Hosting.
32	From 21 to 30 /01/2022	Term End Exam MBA and MCA. Internal Project Viva Voce of MCA II.
33	30/01/2023	Review of Portion Completion of MBA and MCA.
34	Date as declared by SPPU	Final Project SPPU Exam (SIP) (MBA II) Viva Voce. (MBA II SIP) Final Project MCA I and II SPPU Exam.
35	30/01/2023	Conclusion of Term as per notification of SPPU





36	Feb. 2023	HR Meet
37	Feb. 2023	OBT for Faculty & Non-Teaching Staff
38	Date as declared by SPPU	MBA & MCA SPPU Examination as per the notification of SPPU
	Feb. / March 2023	Summer Vacations (will be declared in Feb. 2023)

Note: All the dates are Indicative.

ZGMI Academic Calendar Coordinator


Dr. Ashish Vyas


Dr. Yogendrakumar Deokar


Prof. Madhavi Shamkuwar


Dr. Sachin Chavan
Head ZGMI





MCA-II Sem-III Time Table Academic Year 2022-23

Classroom No: F2-05

w.e.f. - 12/12/2022

Time	MON	TUE	WED	THU	FRI	SAT
08.30 am - 09.30 am	STQA	MAD - LAB	KRAI	CC	MAD	CS/SD/IIC
09.30 am - 10.30 am	MAD		CC	OC6	STQA	Mini Project / Value Addition Program
10.30 am - 10.45 am	Short Break					
10.45 am - 11.45 am	KRAI-LAB	CC	Assembly (OLS)	STQA	KRAI	
11.45 am - 12.45 pm		KRAI	SS	DWDM	OC5	
12.45 pm - 01.30 pm	Lunch Break					
01.30 pm - 02.30 pm	DWDM	DWDM	MAD	KRAI-LAB	MAD-LAB	Placement Training Sessions
02.30 pm - 03.00 pm	Mini Project Reporting and Submission					
03:00 pm - 06:00pm	Placement Training Sessions					

Course Code	Acronym	Name of Course	Name of Course Coordinator
IT31	MAD	Mobile Application Development	Dr. Rupali Kalekar
IT32	DWDM	Data Warehousing and Data Mining	Prof. Madhavi Shamkuwar
IT33	STQA	Software Testing and Quality Assurance	Dr. Babasaheb Mohite
IT34	KRAI	Knowledge Representation & Artificial Intelligence - ML, DL	Prof. Kirti Samrit
IT35	CC	Cloud Computing	Dr. Rajesh Kumar Kashyap
OC31	OC5	Open Course 5	Dr. Babasaheb Mohite
OC32	OC6	Open Course 6	Prof. Dharmendra Singh
IT31L	MAD	Mobile Application Development Practical	Dr. Rupali Kalekar Dr. Babasaheb Mohite
	KRAI	Knowledge Representation & Artificial Intelligence - ML, DL	Prof. Kirti Samrit Prof. Dharmendra Singh
ITC31	Project	Mini Project	All Faculty Members
SS31	SS	Soft Skills- III	Prof. Kirti Samrit
CS	CS	Cyber Security III	Dr. Rupali Pawar
SD	SD	Skill Development	Dr. Rupali Pawar
IIC	IIC	Introduction to Indian Constitution	Dr. Babasaheb Mohite

Dr. Rupali Kalekar
 Class Coordinator

Dr. Babasaheb Mohite
 Programme Coordinator

Dr. Rajesh Kashyap
 Director, ZIBACAR

Dr. Sachin Chavan
 Head, ZGMI





MCA-I Sem-I Time Table Academic Year 2022-23

Classroom No: F2-07

w.e.f. - 12/12/2022

Time	MON	TUE	WED	THU	FRI	SAT
08.30 am - 09.30 am	JAVA	OSC	DSA	DSA Lab	NT	Mini Project
09.30 am - 10.30 am	OSC	NT	OOSE		DSA	
10.30 am - 10.45 am	Short Break					
10.45 am - 11.45 am	DSA	JAVA	Assembly (OLS)	OOSE	JAVA Lab	CS-I/HR-I
11.45 am - 12.45 pm	DSA Lab	JAVA Lab	NT	JAVA		SSI
12.45 pm - 01.30 pm	Lunch Break					
01.30 pm - 02.30 pm	OOSE	OC2	Mini Project	OC1	OSC	Value Addition Program
02.30 pm - 03.00 pm	Mini Project Reporting and Submission					
03:00 pm - 06:00pm	Placement Training Sessions/ Mini Project					

Course Code	Acronym	Name of Course	Name of Course Coordinator
IT11	JAVA	Java Programming	Prof. Dharmendra Singh
IT12	DSA	Data Structure and Algorithms	Dr. Rupali Pawar
IT13	OOSE	Object Oriented Software Engineering	Dr. Rupali Kalekar
IT14	OSC	Operating System Concepts	Dr. Rajesh Kumar Kashyap
IT15	NT	Network Technologies	Prof. Kirti Samrit
OC11	OC1	Open Course 11	Dr. Babasaheb Mohite
OC12	OC2	Open Course 12	Prof. Dharmendra Singh
IT11L	JAVAL	Java Programming Practical	Prof. Dharmendra Singh Dr. Rupali Kalekar
	DSAL	Data Structure and Algorithms Practical	Dr. Rupali Pawar Dr. Babasaheb Mohite Dr. Rajesh Kumar Kashyap
ITC11	Project	Mini Project	All Faculty Members
SS11	SS	Soft Skills- I	Prof. Kirti Samrit
CS	CS-I	Cyber Security I	Dr. Rupali Pawar
HR	HR-I	Human Rights -I	Dr. Rupali Pawar

Prof. Kirti Samrit
 Class Coordinator

Dr. Babasaheb Mohite
 Programme Coordinator

Dr. Rajesh Kashyap
 Director, ZIBACAR

Dr. Sachin Chavan
 Head, ZGMI



MCA-I Sem-I Time Table Academic Year 2022-23

Classroom No: F2-07

w.e.f. - 12/12/2022

Time	MON	TUE	WED	THU	FRI	SAT
08.30 am - 09.30 am	JAVA	OSC	DSA	DSA Lab	NT	Mini Project
09.30 am - 10.30 am	OSC	NT	OOSE		DSA	
10.30 am - 10.45 am	Short Break					
10.45 am - 11.45 am	DSA	JAVA	Assembly (OLS)	OOSE	JAVA Lab	CS-I/HR-I
11.45 am - 12.45 pm	DSA Lab	JAVA Lab	NT	JAVA		SSI
12.45 pm - 01.30 pm	Lunch Break					
01.30 pm - 02.30 pm	OOSE	OC2	Mini Project	OC1	OSC	Value Addition Program
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OC11	OC1	Open Course 11	Dr. Babasaheb Mohite
OC12	OC2	Open Course 12	Prof. Dharmendra Singh
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ITC11	Project	Mini Project	All Faculty Members
SS11	SS	Soft Skills- I	Prof. Kirti Samrit
CS	CS-I	Cyber Security I	Dr. Rupali Pawar
HR	HR-I	Human Rights -I	Dr. Rupali Pawar

Prof. Kirti Samrit
 Class Coordinator

Dr. Babasaheb Mohite
 Programme Coordinator

Dr. Rajesh Kashyap
 Director, ZIBACAR

Dr. Sachin Chavan
 Head, ZGMI



MCA-II Sem-III Time Table Academic Year 2022-23

Classroom No: F2-05

w.e.f. - 12/12/2022

Time	MON	TUE	WED	THU	FRI	SAT
08.30 am - 09.30 am	STQA	MAD - LAB	KRAI	CC	MAD	CS/SD/IIC
09.30 am - 10.30 am	MAD		CC	OC5	STQA	Mini Project / Value Addition Program
10.30 am - 10.45 am	Short Break					
10.45 am - 11.45 am	KRAI -LAB	CC	Assembly (OLS)	STQA	KRAI	
11.45 am - 12.45 pm		KRAI	SS	DWDM	OC5	
12.45 pm - 01.30 pm	Lunch Break					
01.30 pm - 02.30 pm	DWDM	DWDM	MAD	KRAI -LAB	MAD -LAB	Placement Training Sessions
02.30 pm - 03.00 pm	Mini Project Reporting and Submission					
03:00 pm - 06:00pm	Placement Training Sessions					

Course Code	Acronym	Name of Course	Name of Course Coordinator
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OC31	OC5	Open Course 5	Dr. Babasaheb Mohite
OC32	OC6	Open Course 6	Prof. Dharmendra Singh
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	KRAI	Knowledge Representation & Artificial Intelligence - ML, DL	Prof. Kirti Samrit Prof. Dharmendra Singh
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CS	CS	Cyber Security III	Dr. Rupali Pawar
SD	SD	Skill Development	Dr. Rupali Pawar
IIC	IIC	Introduction to Indian Constitution	Dr. Babasaheb Mohite

Dr. Rupali Kalekar
Class Coordinator

Dr. Babasaheb Mohite
Programme Coordinator

Dr. Rajesh Kashyap
Director, ZIBACAR

Dr. Sachin Chavan
Head, ZGMI

Course Code: ITC41
Course Name: Project

Credit Scheme			Evaluation Scheme				
Lecture	Practical	Credit	Internal			External	Total
			Written	Practical	Tutorial		
-	40 Hrs./Week	22	-	250	-	300	550

Course Description:

A project is an assignment that the student needs to complete at the end of semester IV to strengthen the understanding of fundamentals through effective application of the subjects learnt.

Course Outcomes:

Student will be able to

CO1: Create working project using tools and techniques learnt in the programme (Create)

Course Structure:

The project is an outcome of technical skills and domain knowledge acquired by the students during the program. Students demonstrate problem solving skills, analytical ability, logical thinking, communication skills and team work during the course of the project. The project can be implementation of a research work published in any reputed journal.

1. The project may be done individually or in groups. However, if project is done in groups, each student must be given a responsibility for distinct modules.
2. Selected project/module must have relevant scope as per the marks assigned and can be carried out in the Institute or outside with prior permission of the Institute.
3. Internal guide should monitor and evaluate the progress of the project on individual basis through handwritten workbook maintained by students containing various project milestones with learnings and remarks from internal guide for concurrent evaluation.
4. The Semester IV project should be having sufficient scope for 400 marks. The project work will carry 300 marks for internal assessment and 250 marks for external assessment.
5. Students are expected to show working demo of the project during final evaluation in semester IV.
6. The project report should be prepared as per the University prescribed format with all the chapters mentioned in project guidelines. And it should be printed on back-to-back pages (one copy) which should be signed by the internal guide and the Director of the Institute. A client



(colleges, Non IT organization, and IT organization) certificate should be attached to prove the authenticity of the project work done.

7. The project will be assessed internally as well as externally by the examiners appointed by the institutions and University.

Type of Projects

1. Application Development

The students are advised to choose a project that involves window-based development, web-based development, mobile-based development, projects based on machine learning. Analysis and interpretation of any company specific data is not permitted.

2. Embedded Systems / IoT

A project should be developed and implemented for application specific system after thorough investigation of the latest development in the field of electronics or communication to facilitate their efficient operation. The Real Time Operating System (RTOS) or open source platform can be used to develop embedded applications such as Robotics, Microcontroller / Microprocessor based projects etc. An IOT project can be used to design products for reliability and security using simple electronics concepts and Integrating with a cloud platform to get the data real-time and make some operational analysis. It has to use efficient algorithms for strong authentication and security protocols and disable non-essential services.

Few examples of IoT applications

Smart home, Health care applications, Smart waste management, Activity Tracker etc.

3. ETL Projects

Extract, transform, load (ETL) is the process of integrating the data from one or more sources. It is expected from the student that he should demonstrate the entire ETL process with reference to any domain like finance, banking, insurance, retail etc.

Data extraction consists of extracting the data from homogeneous or heterogeneous sources and transforming it into a proper format using data cleansing. The data can be finally loaded into a final target database such as operational data base, a data mart or data warehouse. This data can be further used for the purpose of querying and analyzing.

4. Research Projects

The research project will be able to demonstrate the skills of working scientifically, and through the project the students will be able to understand how to do a literature review, and how to appraise the literature to address questions. To explore an area of interest (develop some expertise and a deeper understanding of a topic). Understand the tools to critically and thoughtfully appraise problems which are faced every day; to learn communicate scientific research in verbal presentations and written form. As an example, the students can identify any problem, by observation or through survey to understand the problem in depth and propose the solution by applying the research methodology.



Project Guidelines:

1. Application Development Project

Chapter No		Details
1		Introduction
	1.1	Company Profile / Institute Profile / Client Profile
	1.2	Abstract
	1.3	Existing System and Need for System
	1.4	Scope of System
	1.5	Operating Environment - Hardware and Software
	1.6	Brief Description of Technology Used 1.6.1 Operating systems used (Windows or Unix) 1.6.2 RDBMS/No Sql used to build Database (mysql/ oracle, Teradata, etc.)
2		Proposed System
	2.1	Study of Similar Systems (If required research paper can be included)
	2.2	Feasibility Study
	2.3	Objectives of Proposed System
	2.4	Users of System
3		Analysis and Design
	3.1	System Requirements (Functional and Non-Functional requirements)
	3.2	Entity Relationship Diagram (ERD)
	3.3	Table Structure
	3.4	Use Case Diagrams
	3.5	Class Diagram
	3.6	Activity Diagram
	3.7	Deployment Diagram
	3.8	Module Hierarchy Diagram
	3.9	Sample Input and Output Screens (Screens must have valid data. All reports must have at-least 5 valid records.)
4		Coding
	4.1	Algorithms
	4.2	Code snippets
5		Testing
	5.1	Test Strategy
	5.2	Unit Test Plan



	5.3	Acceptance Test Plan
	5.4	Test Case / Test Script
	5.5	Defect report / Test Log
6		Limitations of Proposed System
7		Proposed Enhancements
8		Conclusion
9		Bibliography
10		Publication / Competition certificates
11		Appendix – Cost sheet , Data sheet
12		User Manual (All screens with proper description/purpose Details about validations related to data to be entered.)

2. Embedded Systems / IoT Project

Chapter No		Details
1		Introduction
	1.1	Company Profile / Institute Profile / Client Profile
	1.2	Abstract
	1.3	Existing System and Need for System
	1.4	Scope of System
	1.5	Operating Environment - Hardware and Software
	1.6	Brief Description of Technology Used 1.6.1 Operating systems used (Windows or Unix) 1.6.2 Database (if applicable)
2		Proposed System
	2.1	Study of Similar Systems (If required research paper can be included)
	2.2	Feasibility Study
	2.3	Objectives of Proposed System
	2.4	Users of System
3		Analysis and Design
	3.1	Technical requirements – H/W , S/W
	3.2	System Architecture / Block Diagram
	3.3	System Hardware Details
	3.4	Pin Diagrams
	3.5	Interface diagrams
	3.6	Design Sequence
	3.7	System Software Details
	3.8	Process / System Flow chart
4		Coding
	4.1	Algorithms
	4.2	Code snippets (if applicable)
5		Testing



	5.1	Results & reports
	5.2	Test cases
	5.3	Acceptance Testing
	5.4	Test reports in IEEE format
6		Limitations of Proposed System
7		Proposed Enhancements
8		Conclusion
9		Bibliography
10		Publication / Competition certificates
11		Appendix – Cost sheet , Data sheet
12		User Manual (All screens with proper description/purpose Details about validations related to data to be entered.)

3. ETL Projects

Chapter No		Details
1		Introduction
	1.1	Company Profile / Institute Profile / Client Profile
	1.2	Existing System functionality (Source System for which the ANALYTICS is being developed)
	1.3	Business process understanding and specifications 1.3.1 Business Requirement Specifications: 1.3.1.1 The o/p from BR Analysis are BRS Business Requirement Specifications (Business specific Rules to be mentioned here from analysis point of view) 1.3.1.2 Identify the dimensions, required attributes, measures, filter conditions, adjustments for KPIs going to be used in the Target system and its availability in the Source System. If any gaps suggest remediation of gaps 1.3.2 Business Rules Collection 1.3.3 Identify the Key Performance Indicator (specified by client) 1.3.4 Establish the User Acceptance Criteria
	1.4	Scope of the project
	1.5	Operating Environment - Hardware & Software, Description of Tools / Technology to be used in the Target system 1.5.1.1 Operating systems used (Windows or Unix) 1.5.1.2 RDBMS/NoSql used to build database (mysql/ oracle, Teradata, etc.) 1.5.1.3 ETL tools used (Talend/Informatica, Datastage etc) 1.5.1.4 OLAP/ Data mining/ machine learning/ analytics tools used (Python/ Cognos, BO, etc.) 1.5.1.5 Data visualization tools (power BI / Tableau)
2		Proposed System
	2.1	Creating multiple ETL strategies - Specifying metadata details, identifying heterogeneous architectures, processes for I/O only for ETL,



		scrapping , identifying the volatilities in the channels , designing strategies in the context of the business and existing ERP
	2.2	Comparing them in the context of selected business system (as per the business requirements)
	2.3	Suggesting optimum solution (process)
3		Analysis and Design
	3.1	Use Case Diagram
	3.2	Activity diagram to demonstrate Process flow (execution of ETL process)
	3.3	Design of Target system (Elaborate the tiers of DW architecture in the Target System)
	3.4	Database schema / Table specifications of Target system
	3.5	Details of Source & Targets of mapping in the database
	3.6	Details of Load (Full/Incremental etc.)
	3.7	Design of ETL schema/strategy
4	4.1	Design of strategy for Visualization 4.1.1 Visualizations in support of comparison of performance of various ETL strategies 4.1.2 Data visualization using different techniques (if any)
5		Drawbacks and Limitations Proposed Enhancements
6		Conclusion

4. Research Projects

Research projects especially are designed to gain knowledge about some specified area and the deliverable is that knowledge gained, usually encapsulated in some form of report.

Students are expected to contribute something new to academic or practical knowledge in their research area—something original that is more than the accepted knowledge.

Completing a Research Project as part of your coursework is an opportunity to:

- learn to read and interpret other people’s research critically by doing your own. This gives you an insight into the effects of practical difficulties and theoretical debates on published research
- develop and apply the knowledge that you have learnt in 4 semesters of your curriculum.
- submit a paper for peer-reviewed publication. (If successful, this will give a boost to your c.v.) If you wish to enroll in a research degree such as PhD, a research project as part of your coursework will assist the committee evaluating your application in assessing whether you are ready to do independent research.

Research Index

1. Title page
2. Acknowledgements

You should acknowledge the assistance given to you by your supervisors, and any other person or organization that has helped you in the planning, conduct, analysis or reporting of your project.



3. Abstract

This is a synopsis of your study question, aims and objectives, background literature, methods, results, key conclusions and recommendations. This should be 250–300 words long and should be very clear and easy to follow.

4. Introduction

In this section of your report you introduce the subject, provide the background to the topic or problem, outline the study question (or problem or study hypothesis), and outline the aims and objectives of your study.

5. Literature review

This is a review of the literature on the topic or problem you are studying. It should include a review of any other studies or projects similar or relevant to yours, and perhaps a review of the literature on the method you have chosen if your project tests a new method of research or analysis.

6. Methods

This section includes the methodology of your research. It will cover such issues as:
In case of Computer Management Research :

- Study design
- Study population, sampling frame and numbers, sampling method
- survey design
- survey or data collection instruments
- protocol for obtaining data
- ethical issues and how they are addressed
- information letters, consent forms
- data management and analysis methods
- statistical analysis and tests
- In case of Computer Science Research:
- Study design
- System Architecture
- Implementation
 - Experimental Implementation
 - Simulation
- Data management and analysis methods
- Analysis and testing

7. Results

In this section you present the results of your research. Tables, figures and graphs are an excellent means of presenting this sort of information. All tables, figures and graphs, should be numbered consecutively throughout the whole report, and labelled with a clear and concise descriptive title.





Laboratory Session Plan

Department : MCA

Academic Year : 2022-23

Semester : 2

Batch : 3

Division : A

Subject : IC41: Project

Year : SY

Date :

Lab Teaching Scheme :-

Lab/Week : 5

Name : Kirti Samrit

Lab Examination Scheme :-

Sr.No.	Experiment/Assignment/Title	Methodology used	References	Proposed Date	Conducted Date	Submission Date/Sign
1	Preliminary discussion & Project title finalization			2023-04-15	2023-04-15	
2	CHAPTER 3 : ANALYSIS & DESIGN			2023-05-13	2023-05-13	
3	All UML Diagrams			2023-05-17	2023-05-17	
4	CHAPTER 2 : PROPOSED SYSTEM			2023-05-20	2023-05-20	


Practical in Charge


Head of the Department





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COMPUTER APPLICATION AND RESEARCH (ZIBACAR)**
NARHE | PUNE | INDIA

PUN CODE: IMMP013170

DTE CODE: 6152

AISHE CODE: C-41828

MCA Students List AY: 2022-23

Program name	Program code	Name of the Course that include	Course code	Year of offering	Name of the student studied course on
MCA	MC	PROJECT	ITC-41	2022-23	Fulari Akash Kallappa
MCA	MC	PROJECT	ITC-41	2022-23	Bagade Akshata Balasaheb
MCA	MC	PROJECT	ITC-41	2022-23	Fanthri BhaskarBaliram
MCA	MC	PROJECT	ITC-41	2022-23	Chavan Namrata Dattatray
MCA	MC	PROJECT	ITC-41	2022-23	Chavan Samiksha Ravindra
MCA	MC	PROJECT	ITC-41	2022-23	Choudhari Anita Poonaram
MCA	MC	PROJECT	ITC-41	2022-23	Eabholkar Rutik Milind
MCA	MC	PROJECT	ITC-41	2022-23	Eeempal Kumari
MCA	MC	PROJECT	ITC-41	2022-23	Cesai Kartik Kamalakar
MCA	MC	PROJECT	ITC-41	2022-23	Dhande Aakash Ajay
MCA	MC	PROJECT	ITC-41	2022-23	Doye Himanshu Kishor
MCA	MC	PROJECT	ITC-41	2022-23	Dudhatra Kangana Sanjay
MCA	MC	PROJECT	ITC-41	2022-23	Durgade Ankita Pradip
MCA	MC	PROJECT	ITC-41	2022-23	Gaikwad Akash Vishnu
MCA	MC	PROJECT	ITC-41	2022-23	Gaikwad Sai Pandit
MCA	MC	PROJECT	ITC-41	2022-23	Garud Ambarish Govind
MCA	MC	PROJECT	ITC-41	2022-23	Angaitkar Gayatri Dnyaneshwar
MCA	MC	PROJECT	ITC-41	2022-23	Hatagale Akash Dnyanoba



MCA	MC	PROJECT	ITC-41	2022-23	Humbe Digvijay Shivaji
MCA	MC	PROJECT	ITC-41	2022-23	Hundani Simran Amar
MCA	MC	PROJECT	ITC-41	2022-23	Jagtap Incrajeet Ranaji
MCA	MC	PROJECT	ITC-41	2022-23	Kadam Onprakash Tatyarao
MCA	MC	PROJECT	ITC-41	2022-23	Kale Devdas Navrath
MCA	MC	PROJECT	ITC-41	2022-23	Karale Rchit Navnath
MCA	MC	PROJECT	ITC-41	2022-23	Kharade Shradha Vijay
MCA	MC	PROJECT	ITC-41	2022-23	Yadav Khashbco
MCA	MC	PROJECT	ITC-41	2022-23	Bachhav Kiran Dadaji
MCA	MC	PROJECT	ITC-41	2022-23	Kulkarni Nikhil Shridhar
MCA	MC	PROJECT	ITC-41	2022-23	Lambhate Sanket Sambhaji
MCA	MC	PROJECT	ITC-41	2022-23	Lonbale Fawan Bhagwan
MCA	MC	PROJECT	ITC-41	2022-23	Mane Pooja Jaysing
MCA	MC	PROJECT	ITC-41	2022-23	Hazil Martasha
MCA	MC	PROJECT	ITC-41	2022-23	Mohammad Akmalque Mohammad Umar
MCA	MC	PROJECT	ITC-41	2022-23	More Omkar Sanjay
MCA	MC	PROJECT	ITC-41	2022-23	Mulla Saif Dastgeer
MCA	MC	PROJECT	ITC-41	2022-23	Nalawade Prajakt Suresh
MCA	MC	PROJECT	ITC-41	2022-23	Nayte Ritesh Rajkumar
MCA	MC	PROJECT	ITC-41	2022-23	Babar Omkar Bharat
MCA	MC	PROJECT	ITC-41	2022-23	Adling Omkar Bhimrao
MCA	MC	PROJECT	ITC-41	2022-23	Pardhi Gopal Kisan
MCA	MC	PROJECT	ITC-41	2022-23	Patil Prajwal Padmaraj
MCA	MC	PROJECT	ITC-41	2022-23	Patil Pragti Dnyaneshwar
MCA	MC	PROJECT	ITC-41	2022-23	Patil Snehal Vi as



MCA	MC	PROJECT	ITC-41	2022-23	Pawar Ashitosh Tukaram
MCA	MC	PROJECT	ITC-41	2022-23	Pawar Kunal Ramesh
MCA	MC	PROJECT	ITC-41	2022-23	Phalke Omkar Chandrakant
MCA	MC	PROJECT	ITC-41	2022-23	Poojari Tejas Shridhar
MCA	MC	PROJECT	ITC-41	2022-23	Radiya Dhyey Jitendrabhai
MCA	MC	PROJECT	ITC-41	2022-23	Gurjar Rahul
MCA	MC	PROJECT	ITC-41	2022-23	Jha Rajeev Kumar
MCA	MC	PROJECT	ITC-41	2022-23	Ramtirth Shreya Shirish
MCA	MC	PROJECT	ITC-41	2022-23	Ravatale Priti Satish
MCA	MC	PROJECT	ITC-41	2022-23	Kawale Rohit Dhananjay
MCA	MC	PROJECT	ITC-41	2022-23	Sawade Avinash Balasaheb
MCA	MC	PROJECT	ITC-41	2022-23	Shinde Sourab Mahadev
MCA	MC	PROJECT	ITC-41	2022-23	Shrimangale Govind Pandurang
MCA	MC	PROJECT	ITC-41	2022-23	Sohoni Prathmesh Subhash
MCA	MC	PROJECT	ITC-41	2022-23	Sonawane Mayuri Ravindra
MCA	MC	PROJECT	ITC-41	2022-23	Sonkade Prashant Gaurishankar
MCA	MC	PROJECT	ITC-41	2022-23	Awarkar Subodh Mitaram
MCA	MC	PROJECT	ITC-41	2022-23	Tonde Vikas Balu
MCA	MC	PROJECT	ITC-41	2022-23	Tayade Vaibhav Narendra
MCA	MC	PROJECT	ITC-41	2022-23	Waghmare Shubham Rajaram
MCA	MC	PROJECT	ITC-41	2022-23	Yadav Shubham Guntant
MCA	MC	PROJECT	ITC-41	2022-23	Yele Jay Dattatray





MCA-I Semester-I (Academic Year 2022-23)

ITC11 Mini Project

Mini Project Presentation

Date: 25/02/2023

Time: 9.30 am to 12.30 pm

Sr. No.	Project Guide	Roll Number	Student Name
1	Dr. Rajesh Kashyap	MC222401	ARVE PRATIKSHA MANGESH
2		MC222402	ATNURE OM MALLIKARJUN
3		MC222403	BAGADE RAMESH MRUNALI
4		MC222404	BARANGE CHETAN JANRAO
5		MC222405	BHOITE SWARAJ MAHESH
6		MC222406	BHOS TUSHAR NARAYAN
7		MC222407	BHOYAR PAWAN KHEMAJI
8		MC222408	BIRARI KABIR NITIN
9		MC222409	CHACHANE SAURABH ISHWAR
10		MC222410	CHAVAN ANAND RAMLU
11		MC222411	CHAVAN RUTIK RAVINDRA
12		MC222412	CHOUGALE NIRANJANEE NANDKUMAR
13	Dr. Babasaheb Mohite	MC222413	DESHMUKH SAIRAJ SHASHIKANT
14		MC222414	DEWANI PAWAN
15		MC222415	DISALE PRASHANT PAVANKUMAR
16		MC222416	DUSANE RUTUJA MAHENDRA
17		MC222417	GAUR VISHWAS VIRENDRA
18		MC222418	GHORPADE PRAKASH DEVIDAS
19		MC222419	HANAMGHAR AISHWARYA DILIP
20		MC222420	JADHAV ADITYA SURESH
21		MC222421	JADHAV POOJA JYOTIBA
22		MC222422	JADHAV SIDDHESH VISHWANATH
23		MC222423	JAGTAP OMKAR MAHESH
24	Dr. Rupali Kalekar	MC222424	KADU ARPITA CHANDRAKANT
25		MC222425	KALE AMRUTA KESHAV
26		MC222426	KALE MANOJ MADHAVRAO
27		MC222427	KAMBLE KIRAN RAVINDRA
28		MC222428	KANDARE AKANKSHA GANESH
29		MC222429	KANTHALE SOMESHWAR SHIVALING
30		MC222430	KARLE AISHWARYA RAHUL



31		MC222431	KARPE ABHISHEK SACHIN
32		MC222432	KASBE PRATIK SUNDAR
33		MC222433	KHARCHE VIVEK MADHUROTTAM
34		MC222434	KOLI PRAVIN SADASHIV
35		MC222435	KULKARNI ABHIJEET ASHOK
36	Prof. Kirti Samrit	MC222436	KULKARNI CHIRAYU VIRAN
37		MC222437	LAMBAT ADITYA AJAY
38		MC222438	MAGDUM PRITAM SANJAY
39		MC222439	MAKNE INGALE SHUBHANGI YASHWAN
40		MC222440	MALI PRAVIN SURESH
41		MC222441	MALI SHIVANI DATTATRAY
42		MC222442	MANE SUYOG BHIKAJI
43		MC222443	MISAL SAGAR DADASO
44		MC222444	MORE SHUBHAM SHARAD
45		MC222445	MULLA SAHIL BARAKAT
46		MC222446	NAIK KETAN DASU
47	Prof. Dharmendra Singh	MC222447	NIKAM PRATIK DHANAJI
48		MC222448	PAIKRAO SANDIP VIJAY
49		MC222449	PATIL APURVA ASHOKRAO
50		MC222450	PATIL HARSHAL SUNIL
51		MC222451	PAWAR GANESH DADASAHEB
52		MC222452	PAWAR RUTUJA DAYANAND
53		MC222453	POHEKAR PALLAVI SANJAY
54		MC222454	RODE GAYATRI DEEPAK
55		MC222455	RODGE PRANJAL DHANRAJ
56		MC222456	SAID RUTUJA MACHHINDRA
57		MC222457	SAWANT PRUTHVIRAJ DATTA
58	Dr. Rupali Pawar	MC222458	SAYYAD ARBAZ ASHPAK
59		MC222459	SUTAR BHARGAVI NANDKUMAR
60		MC222460	TAWARE ADITYA VIJAY
61		MC222461	TAYDE VAIBHAV SUNIL
62		MC222462	THAKUR AKASH RAJENDRA
63		MC222463	VANSHIV SAGAR SHANKAR
64		MC222464	YADAV DEEPAK MARUTI
65		MC222465	YALAMELI VISHAL KHAJAPPA
66		MC222466	YEPRE OMKAR PRASHANT
67		MC222467	ZALTE MAHESH BABASAHEB
68		MC222468	ZORE SONALI MARUTI


Project Coordinator


Director, ZIBACAR





STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-I Sem-II project)

I, Mr. / Miss Akash Rajendra Thakur, student of MCA-I 2nd Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer Application & Research, Narhe, Pune, hereby declare that I accept all the following instructions related to subject **ITC11 Project** of 2nd semester for the academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my **Project Guide** on every Project lecture and working **Saturday** personally. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
3. I will follow the project format as prescribed by Project Coordinator and documentation format as prescribed by Savitribai Phule Pune University.
4. I will report to my Project Guide/Project Coordinator as many times as required by them.
5. I will **complete all the Assignments** related to the project, as specified by Project Guide/Project Coordinator and Subject Experts.
6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all **reporting days wearing a college uniform** and having a student **identity card** and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. **If I fail to perform any of above mentioned rules then I will be responsible for any losses.**

Date: 13/05/23

Place: Pune

Akash Thakur
Signature of the student

Mr./Ms.





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ZEAL INSTITUTE OF BUSINESS ADMINISTRATION,
COMPUTER APPLICATION AND RESEARCH (ZIBACAR)
NARHE | PUNE | INDIA



PUN CODE: IMMP013170

DTE CODE: 6152

AISHE CODE: C-41828

File No: ZIBACAR/AC/3/00/15D1

Revision: 00

Date: 04/10/2022

STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-I Sem-II project)

I, Mr. / Miss Zalte Mahesh Babasaheb, student of
MCA-I 2nd Semester of Zeal Education Society's Zeal Institute of Business
Administration, Computer Application & Research, Narhe, Pune, hereby declare that I
accept all the following instructions related to subject ITC11 Project of 2nd semester for the
academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
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6. I am solely responsible for the outcome and result of my project.
7. I will be present on all reporting days wearing a college uniform and having a student identity card and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. If I fail to perform any of above mentioned rules then I will be responsible for any losses.

Date: 10/05/2023

Place: pune.

Zalte

Signature of the student

Mr./Ms.

Zalte Mahesh B.

**STUDENT UNDERTAKING**

(About role and responsibilities to complete MCA-II Sem-IV project)

I, Miss. Dudhatra Kangana Sanjay, student of MCA-II 4th Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer Application & Research, Narhe, Pune, hereby declare that I accept all the following instructions related to subject ITC11 Project of 4th semester for the academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my **Project Guide** on every working **Saturday personally**. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
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5. I will **complete all the Assignments** related to the project, as specified by Project Guide/Project Coordinator and Subject Experts.
6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all **reporting days wearing a college uniform** and having a student **identity card** and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. **If I fail to perform any of the above mentioned rules then I will be responsible for any losses.**



Date: 05-05-23

Place: Pune

Kangana
Signature of the student

Ms. Dudhatra Kangana



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COMPUTER APPLICATION AND RESEARCH (ZIBACAR)
NARHE | PUNE | INDIA



PUN CODE: IMMP013170

DTE CODE: 6132

AISHE CODE: C-41828

File No: ZIBACAR/AC/3/00/15D2

Revision: 00

Date: 04/10/2022

STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-II Sem-IV project)

I, Mr./M^{ss}. Pardhi Gopal Kisan, student of MCA-II 4th Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer Application & Research, Narhe, Pune, hereby declare that I accept all the following instructions related to subject ITC11 Project of 4th semester for the academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my **Project Guide** on every working **Saturday personally**. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
3. I will follow the project format as prescribed by Project Coordinator and documentation format as prescribed by Savitribai Phule Pune University.
4. I will report to my Project Guide/Project Coordinator as many times as required by them.
5. I will **complete all the Assignments** related to the project, as specified by Project Guide/Project Coordinator and Subject Experts.
6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all **reporting days wearing a college uniform** and having a student **identity card** and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. **If I fail to perform any of the above mentioned rules then I will be responsible for any losses.**



Date: 09/05/2023

Place: Pune.

Pardhi Gopal Kisan

Signature of the student

Mr./M^{ss}. Pardhi Gopal Kisan



STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-II Sem-IV project)

I, Mr./Miss. Omkar Sanjay More, student of MCA-II 4th Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer Application & Research, Narhe, Pune, hereby declare that I accept all the following instructions related to subject **ITCII Project** of 4th semester for the academic year **2022 - 2023**.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my **Project Guide** on every working **Saturday personally**. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
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5. I will **complete all the Assignments** related to the project, as specified by Project Guide/Project Coordinator and Subject Experts.
6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all **reporting days wearing a college uniform** and having a student **identity card** and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. **If I fail to perform any of the above mentioned rules then I will be responsible for any losses.**



Date: 8/05/2023

Place: Pune

Omkar
Signature of the student

Mr./Ms. Omkar More

STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-I Sem-I project)

I, Mane Suyog Bhikaji, the undersigned, son/daughter of Mr. Mane Bhikaji Mahadev, student of MCA-I 1st Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer Application & Research, Narhe, Pune, hereby declare that I accept all the following instructions related to subject **ITC11 Project** of 1st semester for the academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my **Project Guide** on every working **Saturday personally**. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
3. I will follow the project format as prescribed by Project Coordinator and documentation format as prescribed by Savitribai Phule Pune University.
4. I will report to my Project Guide/Project Coordinator as many times as required by them.
5. I will **complete all the Assignments** related to the project, as specified by Project Guide/Project Coordinator and Subject Experts.
6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all **reporting days wearing a college uniform** and having a student **identity card** and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. **If I fail to perform any of above mentioned rules then I will be responsible for any losses.**

Date: 1/2/2022

Place: Pune



Signature of the student

Mr./Ms. Suyog B. Mane.

STUDENT UNDERTAKING

(About role and responsibilities to complete MCA-I Sem-I project)

I. Taware Aditya vijay, the undersigned, son/daughter of
Mr. Taware vijay kisan, student of MCA-I 1st
Semester of Zeal Education Society's Zeal Institute of Business Administration, Computer
Application & Research, Narhe, Pune, hereby declare that I accept all the following
instructions related to subject ITC11 Project of 1st semester for the academic year 2022 - 2023.

1. I am aware that the Project Guide will be allotted to me after synopsis submission and as per the decision of the Project Committee of MCA department. *I am also aware that no request for change of Guide will be entertained.*
2. I will report to my Project Guide on every working Saturday personally. In case I am unable to report on Saturday under certain circumstances, I will inform the guide and fix-up appointment for the next convenient date 2 days prior Saturday.
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6. **I am solely responsible for the outcome and result of my project.**
7. I will be present on all reporting days wearing a college uniform and having a student identity card and I will give a presentation in required format on specified date/s. I will also follow the project reporting schedule mentioned in the project progress report.
9. If I fail to perform any of above mentioned rules then I will be responsible for any losses.

Date: 03/12/2022

Place: pune



Ataware
Signature of the student

Mr./Ms. Aditya V. Taware

Synopsis on
“Gym Management System”

For
Universal Gym

By
Mr. Taware Aditya Vijay (MC222460)

Submitted to
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
For the partial fulfillment of the internal credit work of
MASTER OF COMPUTER APPLICATION SEM – I

Under the guidance of
Dr. Rupali Pawar

Through



Zeal Education Society's

**Zeal Institute of Business Administration,
Computer Application & Research (ZIBACAR)**

Sr. No. 39, Narhe, Pune -411041, Phone No.:67206031

(Approved by A.I.C.T.E., New Delhi, Recognized by DTE, Govt. Maharashtra & Affiliated to S.P.P.U.
Pune)

2022-2023



Project Synopsis	
A. Course Name	Master of Computer Application (1 st Semester)
B. Student's Name	Taware Aditya Vijay
C. Roll No	MC222460
D. Project Title	Gym Management System For Universal Gym
E. Name of Internal guide	Dr. Rupali Pawar
F. Name of External guide	Santosh Nikam
G. Name of Organization	Universal Gym
H. Date of Submission	
Organization Profile	
1. Name	Universal Gym
2. Location	Urli Kanchan Pune
3. About Organization	<p>Universal Gym started in Urli Kanchan in 2014. In recent years covid has taught us importance of health and fitness. Universal Gym (also known as a fitness club) for purpose of physical exercise. The number of fitness and health services have increased, expanding the Interest among the population. As Universal Gym provided many facilities like packages, trainers, separate batch for ladies, and old ones and others many facilities. As this gym also provides Massages by experts, Steam, Yoga, Cross Training and Stretching Area. Also Gym provides Certified trainer with proper Nutritionist. However you want to excersice whatever your goals are their friendly highly qualified trainers are always on hand to help you to achieve the most from your workout.</p>



Project Details

1. Abstract

Gym Management System is to provide a system which handles the information of the people coming into the gym and maintaining their health care.

Gym Management System is an online service that can be setup for your gym to help manage the given batches accordingly. Data will be stored in the database. It also maintains the people's attendance, gym record.

The maintenance of a equipment like this is hardly required until it needs to change any part of the system. The information about the various things contained in the system are like members, trainers, the equipment can get by just a few clicks unlike the paper documents required the serious reading for such information.

- It's effective and it's the way customers want their gym
- Choose trainers as per your requirements
- Manage your trainers and class schedules.
- Class management
- Choose trainers as per your requirements

2. Existing System

In the gym management system, if we take the current system and compare it with the proposed it is far behind. Every work in the existing is manual and done on paper. There might be a computer used somewhere for the work but it's is not doing exactly what it's is supposed which is reducing the manual work entering everything manually to the computer by creating a file is not exactly what we are talking about in computerization.

The existing system requires a lot of manual work which results in taking more time than it should. The operations like updating and synchronizing data are also done manually in the existing system that is not automated and again time-consuming process.

Humans are prone to errors and can mistakes often unless it has some inbuilt programs which can take check the input and save from error. We introduced the system to reduce the manual work effectively as there is the backend of the system which will take care of synchronizing and updating the data for the system. So, if there is any change in the system data it will appear to all other users of the system. As the system was not online



the member cannot see their timeline that the event generated by them in past such as fee payment, attendance, batch timing, and trainer profile, etc.

3. Proposed System

In gym management system, after the planning and analysis phase of the system gets completed. then the next phase required to transform the collected required System information into structural blueprint which will serve as a reference while constructing the working system. Proposed system will generate the different types of reports and this report available for us. This system will provided the facility of different types of filter for access previous data easily.

In proposed system user and admin data will be secure with facility of username and password also these system gives facility. This system will be error free, secure, reliable and fast management system. In proposed system admin can view and manage data of all users very easily and quickly at any time.

So it is better to minimize the problems faced by both users and admin in the gym.

Admin can handle of all data of users and access any time. This system gives better service to users and also other member and trainer, this system remove error and faults. Minimum time is required there for handle all activities between users and admin and minimum time needed for the various processing. In proposed System, user can register and access some activities .Main purposed is keep and handle all data of users securely.

4. Scope of System

At the management there are some necessary steps to maintain the records of every individual including a trainer, trainees, and staff but maintaining the records on paper is very difficult so, it is necessary to have a computerized system that manages all these issues.

So, the need for a well-organized, computer base gymnasium Management System has become the need of society and the gymnasium industry.

This system helps the Owner and Admin to maintain large data about users and their daily transactions in the gymnasium. Our Gymnasium Management System is the best option for it

“Gym Management System” majorly consists of four modules which are Member Module, Trainer Module, Batch Module, Package module



- Member Module- Member Module consists of Attendance and Registration.
- Trainer Module: - This module stores the information about the trainer who is hired by the gym administration to train their member to work out correctly. This Module consists of Trainer-id, Trainer-name, Trainer-exp, Trainer-contact.
- Batch Module: The time management for each member is equally important. The module consists of Batch-id, Start Time and Finish time.
- Package Module-Packages are divided in 3 types as per customer choice.

5. Objective Of System

The purpose of gym management system is to automate the system, fulfilling their requirements, so the their valuable data/information can be stored for a longer period with easy accessing.

- To provide the facility of maintain the gym users data.
- To provide a full access to admin.
- To access user data and manage staff details.
- To make this system error free and user friendly.
- To maintain enquiry details.
- No paper work required.
- To provide user friendly and less time consuming.
- To provide the facility to user Make all system customized.
- To provide the facility to user can keep information about inquiry and about personal trainer



6. Environmet

- Operating system : Microsoft Windows 10 and Above
- Front End : HTML, CSS, JavaScript (ES6),PHP(7.4)
- Back End : MySQL(8.0.21)



Date: 10/12/2022

Amaldeep

Sign of the student

Awani

Sign of the Internal Guide
(Institute)

Awani

Sign of Project coordinator
(Institute)

Synopsis On
“Online Banking”
For
Vikas Seva Society
(wathar kiroli)

By
Suyog Mane (MC222442)
Tushar Bhoose (MC222406)

Submitted to
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
For the partial fulfillment of the internal credit work of
MASTERS OF COMPUTER APPLICATION SEM – I

Through



Zeal Education Society's
Zeal Institute of Business Administration,
Computer Application & Research (ZIBACAR)

Sr. No. 39, Narhe, Pune -411041, Phone No.:67206031

(Approved by A.I.C.T.E., New Delhi, Recognized by DTE, Govt. Maharashtra & Affiliated to
S.P.P.U. Pune)

2022-2023



Project Synopsis

A.	Course Name	Masters in Computer Application (I st Semester)
B.	Student's Name	Tushar Bhoose Suyog Mane
C.	Roll No	MC222406 MC222442
D.	Project Title	Online Banking System
E.	Name of Internal guide	Dr. Rupali Pawar
F.	Name of external guide	Vikas Gaikwad
G.	Date of submission	10/12/2022

Organization Profile

Name of Organization	Vikas Seva Society
Location	Wathar (Kiroli)
About Organization	A "Vikas Seva Society" can be described as a public assembly for a purpose of reunion of the persons in village. It can be based on the transaction and context pf the vikas seva society. The number of transactions involves in the organizing a society Depends up on the size and scale of an transaction.



1. Project Abstract

The Net Banking Management System undertaken as a project is based on relevant technologies. The main aim of this project is to develop web software for online net banking management system. The project has been developed to carry out the process easily and quickly, which is not possible with the manual system, which are overcome by this software. It is complete solution for the current management system.

2. Existing system

In existing system there are lots of paper work and manual processing. Records very carefully as the entire data written in those books. Everything is paper based hence it is very time consuming. More than person can't access the data at the same time. There is no system to check the past expenses on any event to do this they have check payment register and this task is too much time consuming there are many chances of mistake while calculating. When calculation performed on computer, we get more accuracy than manual work. It is easy to generate reports which can be received quickly therefore it saves time and energy so fact is reduce man power automatically.

3. Proposed system

Computer is a manmade machine. It takes some data as input process as per instruction and give result very quickly and accurately. System is an orderly grouping independent component linked together to according to plan to achieve specific objectives.

There are too many drawbacks in manual system. To overcome this all drawbacks.

4. Scope of the System



Banking activities are considered to be the life blood of national Economy. Without banking services, trading and business activities cannot be carried on smoothly. Banks are the distributors and protectors of liquid capital which is of vital significance to be developing Country.

Efficient administration of the banking system helps in the economic growth of the nation. banking is useful to trade and commerce.

5. Objectives of System

*To allow only authorized user to access various function and processed available in system.

*Locate any account wanted by user.

*Provide greater speed & reduced time consumption.

6. Environment:

- Technology : Java (Java(TM) SE Runtime Environment 18.9), JDBC
- WebServer : Tomcat 10.0
- Client Side Technologies : HTML, CSS, JavaScript, JSON, Ajax, JQuery, Font-awesome, Material Design Font
- Server Side Technologies : Servlets, JSP
- Data Base Server : MySQL.
- Operating System : Microsoft Windows



Date: 10/12/22

Sign of the student
coordinator

Sign of the Internal Guide

Sign of the Project

(Institute)

Synopsis on
"HOME RENTAL MANAGEMENT SYSTEM"

For
"SUNIL ESTATE AGENCY"

By
RUTUJA MACHHINDRA SAID [MC222456]
VAIBHAV SUNIL TAYDE [MC222461]

Submitted to
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
For the partial fulfillment of the internal credit work of
MASTERS OF COMPUTER APPLICATION SEM – I

Under the Guidance of

Dr. Rajesh Kashyap

Through



Zeal Education Society's

**Zeal Institute of Business Administration, Computer
Application & Research (ZIBACAR), Pune**

2022 – 2023



Project Synopsis	
A. Course Name	Masters of Computer Application
B. Student's Name	Vaibhav Sunil Tayde
C. Roll No	MC222461
D. Project Title	Home Rental Management System
E. Name of Internal guide	Dr. Rajesh Kashyap
F. Name of External guide	Sunil Tayde
G. Name of Organization	Sunil Estate Agency
H. Date of Submission	10 / 12 / 2022
Organization Profile	
1. Name	Sunil Estate Agency
2. Location	Dhankawadi, Pune – 43
3. About Organization	<p>We are selling houses, flats and land and may also manage rental properties. Commercial estate deals with business properties such as offices, hotels, restaurants and shops. Rural estate agent specializes in land and rural businesses.</p> <p>We are providing best services and best business with our customers and also, we are taking a responsibility of our deals and our agency is with you in whole deal.</p>



Project Details

1. Project Abstract

We are stuck with technology when what we really want is just stuff that works. The rental management system is best way to search the house, Apartment office, paying guest. The Rental Management System is best suitable the owners because time save and the only contact and the eligible person and there is no need to explain the house details, property details on the speak.

2. Existing System

In Today's busy world and fast-growing system with the advancement in services needed in day-to-day life, there are some people who don't get enough facilities like crafts product and decoration and home interior. A Online rental portal, who want to buy any product of their need, has to contact different user, before deciding upon a particular Property that best suit his needs, requirements and satisfaction.

3. Proposed System

In this project we are trying to cover all possibility for people. An Home Rental system which will allow formal and informal merchants in developing countries to advertise and sell their good on the internet. The objective of this project is to create an Home Rental web system with content management system which allows product information to be update securely using mobile or internet devices. The web portal will have an online interface in form of Home Rental website that will allow users to buy goods from merchants.

4. Scope of the System

Searching of property and that to as per requirements is a very critical task for any of the customer. This website enables the customers to have a look of the property by viewing the photos of the property which are available on the website.



5. Objectives of the System

- To add and maintain records of available property.
- To add and maintain description of new property.
- Make an easy to use for users.

6. Environment

- Operating System : Microsoft Windows
- Front End : HTML (5), CSS (3), JavaScript (2022), Bootstrap
- Back End : PHP (5)
- Data Base Server : MySQL (8.0)
- Webserver : Apache 2/ XAMMP (8.1)

Date : 20/12/2022



Vaibhav Tayde

Sign of Student



Dr. Rajesh Kashyap

Sign of Internal Guide
(Institute)



Dr. Rupali Pawar

Sign of Project Coordinator



Synopsis on
“Gym Management System”

For
Universal Gym

By
Mr. Jadhav Aditya Suresh (MC222420)

Submitted to
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
For the partial fulfillment of the internal credit work of
MASTER OF COMPUTER APPLICATION SEM – I

Under the guidance of
Dr. Babasaheb Mohite

Through



Zeal Education Society's

**Zeal Institute of Business Administration,
Computer Application & Research (ZIBACAR)**

Sr. No. 39, Narhe, Pune -411041, Phone No.:67206031

(Approved by A.I.C.T.E., New Delhi, Recognized by DTE, Govt. Maharashtra & Affiliated to S.P.P.U.
Pune)

2022-2023



Project Synopsis	
A. Course Name	Master of Computer Application (1 st Semester)
B. Student's Name	Jadhav Aditya Suresh
C. Roll No	MC222420
D. Project Title	Gym Management System For Universal Gym
E. Name of Internal guide	Dr. Babasaheb Mohite
F. Name of External guide	Santosh Nikam
G. Name of Organization	Universal Gym
H. Date of Submission	
Organization Profile	
1. Name	Universal Gym
2. Location	Urli Kanchan Pune
3. About Organization	<p>Universal Gym started in Urli Kanchan in 2014. In recent years covid has taught us importance of health and fitness. Universal Gym (also known as a fitness club) for purpose of physical exercise. The number of fitness and health services have increased, expanding the Interest among the population. As Universal Gym provided many facilities like packages, trainers, separate batch for ladies, and old ones and others many facilities. As this gym also provides Massages by experts, Steam, Yoga, Cross Training and Stretching Area. Also Gym provides Certified trainer with proper Nutritionist. However you want to excersice whatever your goals are their friendly highly qualified trainers are always on hand to help you to achieve the most from your workout.</p>



Project Details

1. Abstract

Gym Management System is to provide a system which handles the information of the people coming into the gym and maintaining their health care.

Gym Management System is an online service that can be setup for your gym to help manage the given batches accordingly. Data will be stored in the database. It also maintains the people's attendance, gym record.

The maintenance of a equipment like this is hardly required until it needs to change any part of the system. The information about the various things contained in the system are like members, trainers, the equipment can get by just a few clicks unlike the paper documents required the serious reading for such information.

- It's effective and it's the way customers want their gym
- Choose trainers as per your requirements
- Manage your trainers and class schedules.
- Class management
- Choose trainers as per your requirements

2. Existing System

In the gym management system, if we take the current system and compare it with the proposed it is far behind. Every work in the existing is manual and done on paper. There might be a computer used somewhere for the work but it's is not doing exactly what it's is supposed which is reducing the manual work entering everything manually to the computer by creating a file is not exactly what we are talking about in computerization. The existing system requires a lot of manual work which results in taking more time than it should. The operations like updating and synchronizing data are also done manually in the existing system that is not automated and again time-consuming process.

Humans are prone to errors and can mistakes often unless it has some inbuilt programs which can take check the input and save from error. We introduced the system to reduce the manual work effectively as there is the backend of the system which will take care of synchronizing and updating the data for the system. So, if there is any change in the system data it will appear to all other users of the system. As the system was not online



the member cannot see their timeline that the event generated by them in past such as fee payment, attendance, batch timing, and trainer profile, etc.

3. Proposed System

In gym management system, after the planning and analysis phase of the system gets completed. then the next phase required to transform the collected required System information into structural blueprint which will serve as a reference while constructing the working system. Proposed system will generate the different types of reports and this report available for us. This system will provided the facility of different types of filter for access previous data easily.

In proposed system user and admin data will be secure with facility of username and password also these system gives facility. This system will be error free, secure, reliable and fast management system. In proposed system admin can view and manage data of all users very easily and quickly at any time.

So it is better to minimize the problems faced by both users and admin in the gym.

Admin can handle of all data of users and access any time. This system gives better service to users and also other member and trainer, this system remove error and faults. Minimum time is required there for handle all activities between users and admin and minimum time needed for the various processing. In proposed System, user can register and access some activities .Main purposed is keep and handle all data of users securely.

4. Scope of System

At the management there are some necessary steps to maintain the records of every individual including a trainer, trainees, and staff but maintaining the records on paper is very difficult so, it is necessary to have a computerized system that manages all these issues.

So, the need for a well-organized, computer base gymnasium Management System has become the need of society and the gymnasium industry.

This system helps the Owner and Admin to maintain large data about users and their daily transactions in the gymnasium. Our Gymnasium Management System is the best option for it

“Gym Management System” majorly consists of four modules which are Member Module, Trainer Module, Batch Module, Package module



- Member Module- Member Module consists of Attendance and Registration.
- Trainer Module: - This module stores the information about the trainer who is hired by the gym administration to train their member to work out correctly. This Module consists of Trainer-id, Trainer-name, Trainer-exp, Trainer-contact.
- Batch Module: The time management for each member is equally important. The module consists of Batch-id, Start Time and Finish time.
- Package Module-Packages are divided in 3 types as per customer choice.

5. Objective Of System

The purpose of gym management system is to automate the system, fulfilling their requirements, so the their valuable data/information can be stored for a longer period with easy accessing.


- To provide the facility of maintain the gym users data.
- To provide a full access to admin.
- To access user data and manage staff details.
- To make this system error free and user friendly.
- To maintain enquiry details.
- No paper work required.
- To provide user friendly and less time consuming.
- To provide the facility to user Make all system customized.
- To provide the facility to user can keep information about inquiry and about personal trainer

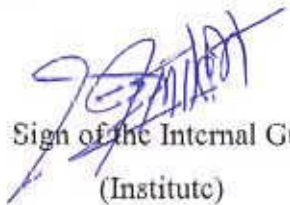



6. Environmet

- Operating system : Microsoft Windows 10 and Above
- Front End : HTML, CSS, JavaScript (ES6),PHP(7.4)
- Back End : MySQL(8.0.21)

Date: 16/12/2022.


Sign of the student


Sign of the Internal Guide
(Institute)


Sign of Project coordinator
(Institute)



**Synopsis On
“Online Jewellery Shop”**

**For
Sahyadri Jewellers**

**By
Kabir Nitin Birari(MC222408)**

Submitted to

**SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
For the partial fulfillment of the internal credit work of
MASTERS OF COMPUTER APPLICATION SEM – I**

**Under The Guidance Of
Dr. Babasaheb Mohite**

Through



Zeal Education Society's

**Zeal Institute of Business Administration,
Computer Application & Research (ZIBACAR)**

Sr. No. 39, Narhe, Pune -411041, Phone No.:67206031

**(Approved by A.I.C.T.E., New Delhi, Recognized by DTE, Govt. Maharashtra & Affiliated to
S.P.P.U. Pune)**

2022-2023



Project Synopsis

Course Name	Masters Of Computer Application
Student Name	Kabir Nitin Birari
Roll No	MC222408
Project Title	Online Jewellery Shop
Name of the Internal Guide	Dr. Babasaheb Mohite
Name of the External Guide	Mr. Bhoite (8983720956)
Name of Organization	Sahyadri Jewellers, Narhe, Pune-411041
Date of Submission	20/12/2022

Organization Profile

Name	Sahyadri Jewellers
Location	Zeal Chowk Near Zeal College, Narhe, Pune, Maharashtra 411038
About Organization	A jewellery store is a retail business establishment, that specializes in selling (and also buying) jewellery and watches. Jewellery stores provide many services such as repairs, remodeling, restoring, designing and manufacturing pieces.

1. Abstract

Online Jewellery Shop is basically used to build an application program which help people to find and buy latest design of Jewellery with different categories like Gold Silver, Diamond. It is useful in the way that it makes an easier way to buy products online.

Today most of the Jewellery shop is useful for shopping site. The admin have lots of paper work and they are using desktop, spread sheet like MS Excel application to manage data in soft copy about user record. In this proposed Jewellery System it will run in server and user can handle whole the



registration activities. It has facilities to generate various types of reports (like pdf, excel) which are required by the management during event organizing.

This application maintains the centralized database so that any changes done at a location reflects immediately. This is an online tool so more than one user can login into system and use the tool simultaneously.

The aim of this application is to reduce the manual effort needed to manage transactions and historical data used in various gods owns. Also this application provides an interface to users to view the details about events.

2. Existing system

The present scenario for Jewellery shopping is to visit the shops and market manually and then from the available product list one needs to choose the item he or she wants and then pay for the same item mainly in cash mode is done, as not every society is well educated and aware to use net banking or card modes or wallets etc.

This system is not much user friendly as one needs to go to the market physically and then select items only from the available list. So mostly it is difficult to get the product as per our desire. Description About the products is less available and are mostly verbal only. For this type of shopping, one needs to have an ample amount of free time.

Also, not really good markets exist everywhere, so many times good markets become out of reach for certain people. In the proposed system customers need not go to the shops for purchasing the products. He/she can order the product he/she wishes to buy through the use of this system. The shop owner can be the admin of the system.



3. Proposed system

An online Jewellery shopping system is a process in which people (specific customers) are being provided with the option of purchasing Jewellery directly from the seller, all in a real-time environment. This system is an application of the internet as electronic commerce. From the business perspective, customers usually find the products more attractive, on websites, as they get all the details available there.

The project aimed at creating a virtual shop environment for users, in some handy form, which will be available to them through the internet. Although the idea of developing online Jewellery shopping websites is not new in the electronic market and has been evolved soon after the World Wide Web (www).

Functionalities provided by Online Jewellery Shopping are as follows:

1. Provides the searching facilities based on various factors. Such as Customer, Jewellery and Order
2. Manage the information of Jewellery
3. Shows the information and description of the Customer, Product
4. To increase efficiency of managing the Customer and Jewellery
5. Manage the information of Customer.
6. Editing, adding and updating of Records is improved which results in proper resource management of Customer data.
7. Integration of all records of Order.

4. Scope of the System

The scope of this system is to provide user comfortable environment of Purchasing and selling products and services over the internet without the need of going physically to the market is what online shopping all about. This system is just like a retail store shopping that we do by going to the market, but it is done through the internet. This system has made shopping painless and added more fun.

Online stores offer product description, pictures, comparisons, price and much more. The benefits of this system is that by having direct access to consumer, the



online stores can offer products that cater to the needs of consumer. cookie can be used for tracking the customer selection over the internet or what is of their interest when they visit the site again. This system makes use of digital technology for managing the flow of information, products, and payment between consumer, site owner.

5. Objectives of System

1. To Centralize the Information of customer
2. To Manages the details of order and Jewellery
3. To Overcome the manual load of owner
4. To tracks all the details about the Jewellery and Order.

6. Environment:

- WebServer : Apache(2.4.4.6)
- Front End : HTML(5), CSS(3), JavaScript(ES2015), Bootstrap
- Server Side Technologies : PHP 8.1
- Back End : MySQL(8.0.1.9)
- Operating System : Windows 10

Date: 12/0/12/2022

Sign of the student

Sign of the Internal Guide

Sign of the Project Coordinator





Mini Project Progress Report

Class: MCA - I Semester - I (Academic Year 2022-23)

Student Name: Miss. Rutuja Dayanand Pawar

Project Title: The Tiles Studio

Project Guide:(Institute) Prof. Dharmendra Singh

Organization Name: Tiles Studio

Project Guide:(Organization) Mr. Dayanand Saudagar Pawar Mob. 9822217705

Sr. No.	Activity to be completed	Date of Completion		Suggestions if any	Guide Sign
		Expected	Actual		
1.	Preliminary discussion & project title finalization	03/12/2022	3/12/2022	Suggestion about scope	
2.	Synopsis submission & presentation	10/12/2022	13/12	OK	
3.	CHAPTER 1: INTRODUCTION 1.1 Client/Organization Profile 1.2 Need for System 1.3 Scope & Feasibility of Work 1.4 Operating Environment – H/w & S/w 1.5 Architecture of system 1.6 Detail Description of Technology Used	17/12/2022	23/12/22	OK	
4.	CHAPTER 2 : PROPOSED SYSTEM 2.1 Proposed System 2.2 Objectives of System 2.3 User Requirements	24/12/2022		—	
5.	CHAPTER 3 : ANALYSIS & DESIGN 3.1 DFD 3.2 Table specifications (Database) 3.3 ERD	30/12/2022		Suggestion about Data	
6.	3.4 Object Diagram 3.5 Class Diagram 3.6 Use Case Diagrams 3.7 Web Site Map Diagram (if Website)	07/01/2023		OK	
7.	CHAPTER 4 : USER MANUAL. 4.1 User Interface Design (Screens etc.) 4.2 Limitations 4.3 Future enhancement BIBLIOGRAPHY ANNEXURE: Sample program code	28/01/2023		OK	
8.	Review / Presentation	04/02/2023		OK	
9.	Project soft copy checkup	11/02/2023		OK	
10.	Final Submission	17/02/2023		OK	

Note : i) Every student should report to their assigned project guide on given date of each phase as stated above & take signature of project guide on this progress report card.

ii) Every time student shall bring this report card and at the time of final project submission submit this card to the project guide.

Dr. Rupali Pawar
Project Coordinator

Dr. Babasaheb Mohite
HOD MCA Programme

Dr. Rajesh Kashyap
Director, ZIBACAR
Prof. Pandurang Patil





Mini Project Progress Report

Class: MCA - I Semester - I (Academic Year 2022-23)

Student Name: Deepak Maruti Yadav

Project Title: Cafe Management System

Project Guide:(Institute) Prof. Dharmendra Singh

Organization Name: MB's cafe

Project Guide:(Organization) _____ Mob. 7447378433

Sr. No.	Activity to be completed	Date of Completion		Suggestions if any	Guide Sign
		Expected	Actual		
1.	Preliminary discussion & project title finalization	03/12/2022	5/12/22	Suggestion scope & technology	
2.	Synopsis submission & presentation	10/12/2022	12/12/22	some suggestion -	
3.	CHAPTER 1: INTRODUCTION 1.1 Client/Organization Profile 1.2 Need for System 1.3 Scope & Feasibility of Work 1.4 Operating Environment - H/w & S/w 1.5 Architecture of system 1.6 Detail Description of Technology Used	17/12/2022	21/12/22	—	
4.	CHAPTER 2 : PROPOSED SYSTEM 2.1 Proposed System 2.2 Objectives of System 2.3 User Requirements	24/12/2022	27/12/22	—	
5.	CHAPTER 3 : ANALYSIS & DESIGN 3.1 DFD 3.2 Table specifications (Database) 3.3 ERD	30/12/2022	2/1/23		
6.	3.4 Object Diagram 3.5 Class Diagram 3.6 Use Case Diagrams 3.7 Web Site Map Diagram (if Website)	07/01/2023	17/1/23		
7.	CHAPTER 4 : USER MANUAL 4.1 User Interface Design (Screens etc.) 4.2 Limitations 4.3 Future enhancement BIBLIOGRAPHY ANNEXURE: Sample program code	28/01/2023	3/2/23	ok	
8.	Review / Presentation	04/02/2023	25/2/23	} ok	
9.	Project soft copy checkup	11/02/2023	25/2/23		
10.	Final Submission	17/02/2023	17/2/23		

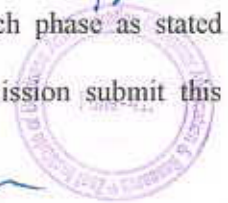
Note : i) Every student should report to their assigned project guide on given date of each phase as stated above & take signature of project guide on this progress report card.

ii) Every time student shall bring this report card and at the time of final project submission submit this card to the project guide.

Dr. Rupali Pawar
Project Coordinator

Dr. Babasaheb Mohite
HOD MCA Programme
Dr. Rupali Kalekar

Dr. Rajesh Kashyap
Director, ZIBACAR





Mini Project Progress Report

Class: MCA - I Semester - I (Academic Year 2022-23)

Student Name: Mane Suyog Bhikaji
 Project Title: car rental online ^{computer, repair shop} Food Banking ^{Bank management} system.
 Project Guide:(Institute) Dr. Rupali Pawar
 Organization Name: Swaraj Computers
 Project Guide:(Organization) _____ Mob. _____

Sr. No.	Activity to be completed	Date of Completion		Suggestions if any	Guide Sign
		Expected	Actual		
1.	Preliminary discussion & project title finalization	03/12/2022	7/12/22	Done	
2.	Synopsis submission & presentation	10/12/2022	14/12/22	Done	
3.	CHAPTER 1: INTRODUCTION 1.1 Client/Organization Profile 1.2 Need for System 1.3 Scope & Feasibility of Work 1.4 Operating Environment – H/w & S/w 1.5 Architecture of system 1.6 Detail Description of Technology Used	17/12/2022	21/12/22	Done.	
4.	CHAPTER 2 : PROPOSED SYSTEM 2.1 Proposed System 2.2 Objectives of System 2.3 User Requirements	24/12/2022	4/1/23	} Done	
5.	CHAPTER 3 : ANALYSIS & DESIGN 3.1 DFD 3.2 Table specifications (Database) 3.3 ERD	30/12/2022	25/2/23		
6.	3.4 Object Diagram 3.5 Class Diagram 3.6 Use Case Diagrams 3.7 Web Site Map Diagram (if Website)	07/01/2023	25/2/23		
7.	CHAPTER 4 : USER MANUAL 4.1 User Interface Design (Screens etc.) 4.2 Limitations 4.3 Future enhancement BIBLIOGRAPHY ANNEXURE: Sample program code	28/01/2023	25/2/23		
8.	Review / Presentation	04/02/2023	25/2/23	Verified, Review done	
9.	Project soft copy checkup	11/02/2023	25/2/23		
10.	Final Submission	17/02/2023			

Note : i) Every student should report to their assigned project guide on given date of each phase as stated above & take signature of project guide on this progress report card.

ii) Every time student shall bring this report card and at the time of final project submission submit this card to the project guide.

Dr. Rupali Pawar
 Project Coordinator

Dr. Babasaheb Mohite
 HOD MCA Programme
 Dr. Rupali Pawar

Dr. Rajesh Kashyap
 Director, ZIBACAR



Mini Project Progress Report

Class: MCA - I Semester - I (Academic Year 2022-23)

Student Name: Aditya Suresh Jadhav

Project Title: Gym Management system for universal gym

Project Guide:(Institute) Dr. Babasaheb Mohite

Organization Name: Universal Gym pune.

Project Guide:(Organization) Santosh Nikam Mob. 9545231231

Sr. No.	Activity to be completed	Date of Completion		Suggestions if any	Guide Sign
		Expected	Actual		
1.	Preliminary discussion & project title finalization	03/12/2022	03/12/22	DTK finalized	
2.	Synopsis submission & presentation	10/12/2022	10/12/22	Submitted	
3.	CHAPTER 1: INTRODUCTION 1.1 Client/Organization Profile 1.2 Need for System 1.3 Scope & Feasibility of Work 1.4 Operating Environment – H/w. & S/w 1.5 Architecture of system 1.6 Detail Description of Technology Used	17/12/2022	21/22	checked	
4.	CHAPTER 2 : PROPOSED SYSTEM 2.1 Proposed System 2.2 Objectives of System 2.3 User Requirements	24/12/2022	21/22	correctory suggested	
5.	CHAPTER 3 : ANALYSIS & DESIGN 3.1 DFD 3.2 Table specifications (Database) 3.3 ERD	30/12/2022	}		
6.	3.4 Object Diagram 3.5 Class Diagram 3.6 Use Case Diagrams 3.7 Web Site Map Diagram (if Website)	07/01/2023			
7.	CHAPTER 4 : USER MANUAL 4.1 User Interface Design (Screens etc.) 4.2 Limitations 4.3 Future enhancement BIBLIOGRAPHY ANNEXURE: Sample program code	28/01/2023			
8.	Review / Presentation	04/02/2023	}		
9.	Project soft copy checkup	11/02/2023			
10.	Final Submission	17/02/2023			

- Note :
- Every student should report to their assigned project guide on given date of each phase as stated above & take signature of project guide on this progress report card.
 - Every time student shall bring this report card and at the time of final project submission submit this card to the project guide.

Dr. Rupali Pawar
 Project Coordinator

Dr. Babasaheb Mohite
 HOD MCA Programme

Prof. Pandurang Patil
 Dr. Rajesh Kashyap
 Director, ZIBACAR





Mini Project Progress Report

Class: MCA - I Semester - I (Academic Year 2022-23)

Student Name: Aditya Vijay Taware

Project Title: Gym Management system for Universal Gym

Project Guide:(Institute) Dr. Rupali Pawar

Organization Name: Universal Gym pune

Project Guide:(Organization) Mr. Santosh Nikam Mob. 9545231231

Sr. No.	Activity to be completed	Date of Completion		Suggestions if any	Guide Sign
		Expected	Actual		
1.	Preliminary discussion & project title finalization	03/12/2022	03/10/22	Reframed the title	
2.	Synopsis submission & presentation	10/12/2022	16/12/22	Done	
3.	CHAPTER 1: INTRODUCTION 1.1 Client/Organization Profile 1.2 Need for System 1.3 Scope & Feasibility of Work 1.4 Operating Environment – H/w. & S/w 1.5 Architecture of system 1.6 Detail Description of Technology Used	17/12/2022	22/12/22	Done	
4.	CHAPTER 2 : PROPOSED SYSTEM 2.1 Proposed System 2.2 Objectives of System 2.3 User Requirements	24/12/2022		Done	
5.	CHAPTER 3 : ANALYSIS & DESIGN 3.1 DFD 3.2 Table specifications (Database) 3.3 ERD	30/12/2022	18/1/23		
6.	3.4 Object Diagram 3.5 Class Diagram 3.6 Use Case Diagrams 3.7 Web Site Map Diagram (if Website)	07/01/2023			
7.	CHAPTER 4 : USER MANUAL 4.1 User Interface Design (Screens etc.) 4.2 Limitations 4.3 Future enhancement BIBLIOGRAPHY ANNEXURE: Sample program code	28/01/2023	24/1/23		
8.	Review / Presentation	04/02/2023			
9.	Project soft copy checkup	11/02/2023			
10.	Final Submission	17/02/2023		Submitted	

- Note :**
- i) Every student should report to their assigned project guide on given date of each phase as stated above & take signature of project guide on this progress report card.
 - ii) Every time student shall bring this report card and at the time of final project submission submit this card to the project guide.

Dr. Rupali Pawar
 Project Coordinator

Dr. Babasaheb Mohite
 HOD MCA Programme

Prof. Parshurang Pati
 Dr. Rajesh Kashyap
 Director, ZIBACAR





MCA-I Semester-I (Academic Year 2022-23)

ITC11 Mini Project

Mini Project Presentation

Date: 25/02/2023

Time: 9.30am to 12.30pm

Roll Number	Student Name	Project Title	PPT (Out of 25)	Live Project (Out of 25)	Soft copy of documentation (Out of 25)	Total Marks (Out of 75)
MC222401	ARVE PRATIKSHA MANGESH	Online Car Rental	16	20	15	51
MC222402	ATNURE OM MALLIKARJUN	E Commerce	12	6	15	43
MC222403	BAGADE RAMESH MRUNALI	Doctor Appointment System	18	20	18	56
MC222404	BARANGE CHETAN JANRAO	Gym Management System	24	25	24	73
MC222405	BHOITE SWARAJ MAHESH	Hotel Management System	22	22	24	68
MC222406	BHOS TUSHAR NARAYAN	Computer Repairing Management	20	22	18	60
MC222407	BHOYAR PAWAN KHEMAJI	Dairy Farm	18	24	16	58
MC222408	BIRARI KABIR NITIN	Online Jewelry Shopping	22	24	23	69
MC222409	CHACHANE SAURABH ISHWAR	Hostel Management System	18	22	20	60
MC222410	CHAVAN ANAND RAMLU	Gulpatti Shop	16	5	22	53
MC222411	CHAVAN RUTIK RAVINDRA	Bloggers Spot	16	6	16	48
MC222412	CHOUGALE NIRANJANEE NANDKUMAR	Cake Store Management	21	20	21	62
MC222413	DESHMUKH SAIRAJ SHASHIKANT	Restorent Management System	16	2	12	40
MC222414	DEWANI PAWAN	Employee Management System	13	15	12	40
MC222415	DISALE PRASHANT PAVANKUMAR	E Agro Product Store	10	20	18	48
MC222416	DUSANE RUTUJA MAHENDRA	Online Blood Bank	18	20	20	58
MC222417	GAUR VISHWAS VIRENDRA	Online Optical Shop	16	22	18	56
MC222418	GHORPADE PRAKASH DEV DAS	Cafe Management System	21	22	22	65



MC222419	HANAMGHAR AISHWARYA DILIP	Residential Society Management	12	15	18	45
MC222420	JADHAV ADITYA SURESH	Gym Management System	12	15	16	43
MC222421	JADHAV POOJA JYOTIBA	Hotel Management System	23	24	22	69
MC222422	JADHAV SIDDHESH VISHWANATH	Book Store Management System	22	24	22	68
MC222423	JAGTAP OMKAR MAHESH	The Tiles Studio	23	22	23	68
MC222424	KADU ARPITA CHANDRAKANT	Online Flower Decorators	23	24	22	69
MC222425	KALE AMRUTA KESHAV	Online Car Rental	15	20	15	50
MC222426	KALE MANOJ MADHAVRAO	Student Attendance System	0	10	10	20
MC222427	KAMBLE KIRAN RAVINDRA	Bakery Shop Management System	20	22	20	62
MC222428	KANDARE AKANKSHA GANESH	Hospital Appointment Management System	19	22	18	59
MC222429	KANTHALE SOMESHWAR SHIVALING	Cafe Management System	17	23	21	61
MC222430	KARLE AISHWARYA RAHUL	Online Examination System	20	22	19	61
MC222431	KARPE ABHISHEK SACHIN	Unified Logistics Interface Services	20	19	19	58
MC222432	KASBE PRATIK SUNDAR	E-Commerce	17	22	18	57
MC222433	KHARCHE VIVEK MADHUROTTAM	Cafe Management System	23	24	23	70
MC222434	KOLI PRAVIN SADASHIV	Hospital Management System				0
MC222435	KULKARNI ABHIJEET ASHOK	Online Jewellery Shop	19	18	20	57
MC222436	KULKARNI CHIRAYU VIRAN	Parlour Management System-Beautyfly	23	23	23	69
MC222437	LAMBAT ADITYA AJAY	Gym Management System - Pro Fitness Club	24	24	24	72
MC222438	MAGDUM PRITAM SANJAY	Unified Logistic Interface Services	23	23	22	68
MC222439	MAKNE INGALE SHUBHANGI YASHWANT	Hotel Management System	23	24	22	69
MC222440	MALI PRAVIN SURESH	Rental Agro Equipments	20	19	18	57
MC222441	MALI SHIVANI DATTATRAY	Restaurant Management System-Samruddhi Hotel	20	19	20	59
MC222442	MANE SUYOG BHIKAJI	Computer Repair Services	21	20	20	61
MC222443	MISAL SAGAR DADASO	Hospital Management System	18	18	16	52
MC222444	MORE SHUBHAM SHARAD	Gym Management System	22	21	20	63
MC222445	MULLA SAHIL BARAKAT	Gym Management System	22	21	20	63
MC222446	NAIK KETAN DASU	Hostel Management System	22	20	21	63
MC222447	NIKAM PRATIK DHANAJI	E-Agro Product	21	23	21	65



MC222448	PAIKRAO SANDIP VIJAY	Rental Agro Equipments	20	21	19	60
MC222449	PATIL APURVA ASHOKRAO	online optical shop	21	20	24	65
MC222450	PATIL HARSHAL SUNIL	Book Store Management System	20	20	22	62
MC222451	PAWAR GANESH DADASAHEB	Covid Tesing Management	20	20	23	63
MC222452	PAWAR RUTUJA DAYANAND	The Tiles Studio	20	20	23	63
MC222453	POHEKAR PALLAVI SANJAY	Beauty Parlour Management	23	23	24	70
MC222454	RODE GAYATRI DEEPAK	Bakery Shop	20	20	23	63
MC222455	RODGE PRANJAL DHANRAJ	Cake Shop Management	18	20	20	58
MC222456	SAID RUTUJA MACHHINDRA	Home Rental Management System	20	20	20	60
MC222457	SAWANT PRUTHVIRAJ DATTA	Restaurant Managment System	22	21	22	65
MC222458	SAYYAD ARBAZ ASHPAK	Hotel Management System	22	24	22	68
MC222459	SUTAR BHARGAVI NANDKUMAR	Residential Society Management System	22	21	22	65
MC222460	TAWARE ADITYA VIJAY	Gym Management System	18	17	17	52
MC222461	TAYDE VAIBHAV SUNIL	Home Rental Management System	17	16	18	51
MC222462	THAKUR AKASH RAJENDRA	Placement Management System	18	17	18	53
MC222463	VANSHIV SAGAR SHANKAR	Salon Management System	20	20	18	58
MC222464	YADAV DEEPAK MARUTI	Cafe Management System	21	20	22	63
MC222465	YALAMELI VISHAL KHAJAPPA	Cafe Management System	21	22	21	64
MC222466	YEPRE OMKAR PRASHANT	Resturnat Managment System	20	20	16	56
MC222467	ZALTE MAHESH BABASAHEB	Online Library Managment System	16	17	17	50
MC222468	ZORE SONALI MARUTI	Online Examination System	21	23	22	66


Project Coordinator


HOD of MCA Programme


Director, ZIRACAR

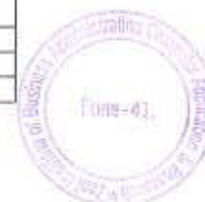




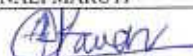
MCA-I Semester-I (Academic Year 2022-23)

ITC11 Mini Project Final Assessment Sheet

Roll Number	Student Name	Project Title	Project Guide	Title & Synopsis Submission (Out of 25 Marks)	Review of Chapter 1 & 2 (Out of 25 Marks)	Review of Chapter 3 & 4 (Out of 25 Marks)	Presentation 1	Total Marks (Out of 150 Marks)	Marks (Out of 75 Marks)
MC222401	ARVE PRAKASH MANGESH	Online Car Rental	Dr. Rajesh Kumar Kashyap	16	20	15	51	102	51
MC222402	ANURAG M MALLIKARJUN	E Commerce	Dr. Babasaheb Mohite	12	16	15	43	86	43
MC222403	BAGADE RAMESH MRUNALI	Doctor Appointment System	Prof. Kirti Samrit	18	20	13	56	112	56
MC222404	BARANGE CHETAN JANRAO	Gym Management System	Prof. Dharmendra Singh	24	25	24	73	146	73
MC222405	BHOITE SVARAJ MAHESH	Hotel Management System	Dr. Rupali Kalekar	22	22	24	68	136	68
MC222406	BHOS TUSHAR NARAYAN	Computer Repairing Management	Dr. Rupali Pawar	20	22	18	60	120	60
MC222407	BHOYAR PAWAN KHEMAJI	Dairy Farm	Dr. Rajesh Kumar Kashyap	18	24	16	58	116	58
MC222408	BIRARI KABIR NITIN	Online Jewelry Shopping	Dr. Babasaheb Mohite	22	24	23	69	138	69
MC222409	CHACHANE SAURABH ISHWAR	Hostel Management System	Prof. Kirti Samrit	18	22	20	60	120	60
MC222410	CHAVAN ANAND RAMLU	Gulpatti Shop	Prof. Dharmendra Singh	16	15	22	53	106	53
MC222411	CHAVAN RUTIK RAVINDRA	Bloggers Spot	Dr. Rupali Kalekar	16	16	16	48	96	48
MC222412	CHOUGALE N RANJANEE NANDKUNAR	Cafe Store Management	Dr. Rupali Pawar	21	20	21	62	124	62
MC222413	DESHMUKHI SAIRAJ SHASHIKANT	Restaurant Management System	Dr. Rajesh Kumar Kashyap	16	18	16	43	93	47
MC222414	DEWANI PAWAN	Employee Management System	Dr. Babasaheb Mohite	16	18	15	43	92	46
MC222415	DISALE PRASANT PAVANKUNAF	E Agro Product Store	Prof. Kirti Samrit	19	20	21	52	112	56
MC222416	DUSANE RUTUJA MAHENDRA	Online Blood Bank	Prof. Dharmendra Singh	18	20	20	58	116	58
MC222417	GAUR VISHWAS VIRENDEA	Online Optical Shop	Dr. Rupali Kalekar	16	22	18	56	112	56
MC222418	GHORPADE PRAKASH DEVIDAS	Cafe Management System	Dr. Rupali Pawar	21	22	22	65	130	65
MC222419	HANAMGHAR AISHWARYA DELIP	Residential Society Management	Dr. Rajesh Kumar Kashyap	12	15	18	45	90	45
MC222420	JADHAV ADITYA SURESH	Gym Management System	Dr. Babasaheb Mohite	12	15	16	43	86	43
MC222421	JADHAV ECOJA JYOTIBA	Hotel Management System	Prof. Kirti Samrit	23	24	22	69	138	69
MC222422	JADHAV EDDHESH VISHWANATH	Book Store Management System	Prof. Dharmendra Singh	22	24	22	68	136	68
MC222423	JAGTAP CNKAR MAHESH	The Tiles Studio	Dr. Rupali Kalekar	23	22	23	68	136	68
MC222424	KADU ARPITA CHANDRAEART	Online Flower Decorators	Dr. Rupali Pawar	23	24	22	69	138	69
MC222425	KALE AMRUTA KESHAV	Online Car Rental	Dr. Rajesh Kumar Kashyap	15	20	15	50	100	50
MC222426	KALE MANOJ MADHAVRAC	Student Attendance System	Dr. Babasaheb Mohite	0	10	10	20	40	20
MC222427	KAMBLE KRAN RAVINDEA	Bakery Shop Management System	Prof. Kirti Samrit	20	22	20	62	124	62



MC222428	KANDARE AKANKSHA GANESH	Hospital Appointment Management	Prof. Dharmendra Singh	19	22	18	59	118	59
MC222429	KANTHALE SOMESHWAR SHIVALING	Cafe Management System	Dr. Rupali Kalekar	17	23	21	61	122	61
MC222430	KARLE AISHWARYA RAHUL	Online Examination System	Dr. Rupali Pawar	20	22	19	61	122	61
MC222431	KARPE ABHISHEK SACHIN	Unified Logistics Interface Services	Dr. Rajesh Kumar Kashyap	20	19	19	58	116	58
MC222432	KASBE PRATIK SUNDAR	E-Commerce	Dr. Babasaheb Mohite	17	22	18	57	114	57
MC222433	KHARCHE VIVEK MADHUROTTAM	Cafe Management System	Prof. Kirti Samrit	23	24	23	70	140	70
MC222434	KOLI PRAVIN SADASHIV	Hospital Management System	Prof. Dharmendra Singh	20	18	16	55	109	55
MC222435	KULKARNI ABHIJEET ASHOK	Online Jewellery Shop	Dr. Rupali Kalekar	19	18	20	57	114	57
MC222436	KULKARNI CHIRAYU VIRAN	Parlour Management System-Beautyfly	Dr. Rupali Pawar	23	23	23	69	138	69
MC222437	LAMBAT ADITYA AJAY	Gym Management System - Pro Fit	Dr. Rajesh Kumar Kashyap	24	24	24	72	144	72
MC222438	MAGDUM PRITAM SANJAY	Unified Logistic Interface Services	Dr. Babasaheb Mohite	23	23	22	68	136	68
MC222439	MAKNE INGALE SHUBHANGI YASHWANT	Hotel Management System	Prof. Kirti Samrit	23	24	22	69	138	69
MC222440	MALI PRAVIN SURESH	Rental Agro Equipments	Prof. Dharmendra Singh	20	19	18	57	114	57
MC222441	MALI SHIVANI DATTATRAY	Restaurant Management System-Sa	Dr. Rupali Kalekar	20	19	20	59	118	59
MC222442	MANE SUYOG BHIKAJI	Computer Repair Services	Dr. Rupali Pawar	21	20	20	61	122	61
MC222443	MISAL SAGAR DADASO	Hospital Management System	Dr. Rajesh Kumar Kashyap	18	19	16	52	105	53
MC222444	MORE SHUBHAM SHARAD	Gym Management System	Dr. Babasaheb Mohite	22	21	20	63	126	63
MC222445	MULLA SAHIL BARAKAT	Gym Management System	Prof. Kirti Samrit	22	21	20	63	126	63
MC222446	NAIK KETAN DASU	Hostel Management System	Prof. Dharmendra Singh	22	20	21	63	126	63
MC222447	NIKAM PRATIK DHANAJI	E-Agro Product	Dr. Rupali Kalekar	21	23	21	65	130	65
MC222448	PAIKRAO SANDIP VIJAY	Rental Agro Equipments	Dr. Rupali Pawar	20	19	18	57	114	57
MC222449	PATIL APURVA ASHOKRAO	online optical shop	Dr. Rajesh Kumar Kashyap	21	20	24	65	130	65
MC222450	PATIL HARSHAL SUNIL	Book Store Managment System	Dr. Babasaheb Mohite	20	21	19	63	123	62
MC222451	PAWAR GANESH DADASAHEB	Covid Tesing Management	Prof. Kirti Samrit	20	20	23	63	126	63
MC222452	PAWAR RUTUJA DAYANAND	The Tiles Studio	Prof. Dharmendra Singh	20	20	23	63	126	63
MC222453	POHEKAR PALLAVI SANJAY	Beauty Parlour Management	Dr. Rupali Kalekar	23	23	24	70	140	70
MC222454	RODE GAYATRI DEEPAK	Bakery Shop	Dr. Rupali Pawar	20	20	23	63	126	63
MC222455	RODGE PRANJAL DHANRAJ	Cake Shop Management	Dr. Rajesh Kumar Kashyap	18	20	20	58	116	58
MC222456	SAID RUTUJA MACHHINDRA	Home Rental Management System	Dr. Babasaheb Mohite	20	20	20	60	120	60
MC222457	SAWANT PRUTHVIRAJ DATTA	Restaurant Management System	Prof. Kirti Samrit	22	21	22	65	130	65
MC222458	SAYYAD ARBAZ ASHPAK	Hotel Management System	Prof. Dharmendra Singh	22	24	22	68	136	68
MC222459	SUTAR BHARGAVI NANDKUMAR	Residential Society Management System	Dr. Rupali Kalekar	22	21	22	65	130	65
MC222460	TAWARE ADITYA VIJAY	Gym Management System	Dr. Rupali Pawar	18	17	17	52	104	52
MC222461	TAYDE VAIBHAV SUNIL	Home Rental Management System	Dr. Rajesh Kumar Kashyap	17	16	18	51	102	51
MC222462	THAKUR AKASH RAJENDRA	Placement Management System	Dr. Babasaheb Mohite	18	17	18	53	106	53
MC222463	VANSHIV SAGAR SHANKAR	Salon Management System	Prof. Kirti Samrit	20	20	18	58	116	58
MC222464	YADAV DEEPAK MARUTI	Cafe Management System	Prof. Dharmendra Singh	21	20	22	63	126	63
MC222465	YALAMELI VISHAL KHAJAPPA	Cafe Management System	Dr. Rupali Kalekar	21	22	21	64	128	64
MC222466	YEPRE OMKAR PRASHANT	Resturnat Managment System	Dr. Rupali Pawar	20	20	16	56	112	56
MC222467	ZALTE MAHESH BABASAHEB	Online Library Management System	Dr. Rajesh Kumar Kashyap	16	17	17	50	100	50
MC222468	ZORE SONALI MARUTI	Online Examination System	Dr. Babasaheb Mohite	21	23	22	66	132	66


Project Coordinator

HOD of MCA Programme

Director, ZIBACAR





**Project Chapter 1, 2 & 3 Hardcopy Verification Details
 MCA-II Semester-III (Academic Year 2022-23)**

Course Coordinator: *Dr. B. J. Mohite & Dr. Rupali Pawar.*

Roll Number	Student Name	Date of Verification	Student Sign	Remark
2122001	Adling Omkar Bhimrao	01/02/23	<i>Adling</i>	
2122002	Angaitkar Gayatri Dnyaneshwar	31/12/22	<i>Gayatri</i>	
2122003	Awarkar Subodh Mitaram	31/12/22	<i>Subodh</i>	
2122004	Babar Omkar Bharat	2/01/23	<i>Omkar</i>	
2122005	Bachhav Kiran Dadaji	31/12/22	<i>Bachhav</i>	
2122006	Bagade Akshata Balasaheb	2/1/23	<i>Akshata</i>	
2122007	Chavan Namrata Dattatray	2/1/23	<i>Namrata</i>	
2122008	Chavan Samiksha Ravindra	2/1/22	<i>Samiksha</i>	
2122009	Choudhari Anita Poonaram	2/1/23	<i>Anita</i>	
2122010	Dabholkar Rutik Milind			
2122011	Deempal Kumari	31/12/22	<i>Deempal</i>	
2122012	Desai Kartik Kamalakar	01/02/23	<i>K.D.</i>	
2122013	Dhande Aakash Ajay	1/2/23	<i>Aakash</i>	
2122014	Doye Himanshu Kishor	31/12/22	<i>Himanshu</i>	
2122015	Dudhatra Kangana Sanjay	1/02/2023	<i>Kangana</i>	
2122016	Durgade Ankita Pradip	31/12/22	<i>Ankita</i>	
2122017	Fulari Akash Kallappa	07/01/2023	<i>Akash</i>	
2122018	Gaikwad Akash Vishnu	07/01/2023	<i>Akash</i>	
2122019	Gaikwad Sai Pandit	31/12/2022	<i>Sai</i>	
2122020	Garud Ambarish Govind	1/02/2023	<i>Ambarish</i>	
2122021	Gurjar Rahul	1/02/2023	<i>Rahul</i>	
2122022	Hatagale Akash Dnyanoba	1/02/2023	<i>Akash</i>	
2122023	Hazil Mantasha	31/12/22	<i>Mantasha</i>	
2122024	Humbe Digvijay Shivaji	2/1/2023	<i>Humbe</i>	
2122025	Hundani Simran Amar	31/12/22	<i>Simran</i>	
2122026	Jagtap Indrajeet Ramaji	31/12/22	<i>Indrajeet</i>	
2122027	Jha Rajeev Kumar	05/01/2023	<i>Rajeev</i>	
2122029	Kale Devidas Navnath	07/01/2023	<i>Devidas</i>	
2122030	Karale Rohit Navnath	07/01/2022	<i>Rohit</i>	



Roll Number	Student Name	Date of Verification	Student Sign	Remark
2122031	Kawale Rohit Dhananjay	01/02/23		
2122032	Kharade Shraddha Vijay	21/1/23		
2122034	Lambhate Sanket Sambhaji	07/1/23		
2122035	Lonbale Bhagwan Pawan	31/01/23		
2122036	Mane Pooja Jaysing	31/01/23		
2122037	Mohammad Akhlaque Umar	02/01/23		
2122038	More Omkar Sanjay	31/12/22		
2122039	Mulla Saif Dastgeer	07/02/23		
2122040	Nalawade Prajakta Suresh	03/01/23		
2122041	Nayte Ritesh Rajkumar	31/01/23		
2122042	Panthri Bhaskar Baliram	31-12-22		
2122043	Pardhi Gopal Kisan	31/12/22		
2122044	Patil Prajwal Padmaraj	31-12-22		
2122045	Patil Prapti Dnyaneshwar	31-12-22		
2122046	Patil Snehal Vilas	31-12-22		
2122047	Pawar Ashitosh Tukaram	2/1/23		
2122048	Pawar Kunal Ramesh	31-12-22		
2122049	Phalke Omkar Chandrakant	2/1/23		
2122050	Poojari Tejas Shridhar	31/12/22		
2122051	Radiya Dhyey Jitendrabhai	7/0/23		
2122052	Ramtirth Shreya Shirish	31-12-22		
2122053	Ravatale Priti Satish	1-2-23		
2122054	Sawade Avinash Balasaheb	5-1-23		
2122055	Shinde Sourabh Mahadev	07-01-23		
2122056	Shrimangale Govind Pandurang	01/02/23		
2122058	Sonawane Mayuri Kavindra	31.12.22		
2122059	Sonkade Prashant Gaurishankar	1/2, 23		
2122060	Tayade Vaibhav Narendra	31.12.22		
2122062	Tonde Vikas Balu	31.12.22		
2122063	Waghmare Shubham Rajaram	31.12.22		
2122064	Yadav Klushiboo	31.12.22		
2122065	Yadav Shubham Gunvant	1/2/23		
2122066	Yele Jay Dattatray	01/02/2023		
2021014	Prasad Deshpande			

Course Coordinator Sign





Date: 13/01/2023

Subject: LETTER OF ACKNOWLEDGEMENT

TO SOFTWARE DEVELOPER IT MAY CONCERN

This is to verify that Mr. Arbaz Ashpak Sayyad, Mr. Swaraj Mahesh Bhoite from Zeal Institute Business Administration Computer Application and Research (ZIBACAR), Narhe, Pune-41 have been approved to develop the project namely "Hotel Management System" to be develop for "Rajdhani Hotel", Somwar Peth, Pune-411011 as a part of their academic MCA degree project.

They had started as per timely scheduled 06 Jan 2023 and they are entitled to deliver the project as per previous discussion on time and await further modifications if needed, so far, they have worked satisfactorily for this project.

We wish them success in future endeavors.

Rajdhani Hotel

Somwar Peth, Pune-11

Akale

Owners Name & Signature
Mr. Aryavarta Kale



DIGITAL PARTNERS

Mob No. +91 8657482176

Web:- www.digitalpartners.in

E-mail -info@digitalpartners.in

INTERSHIP CERTIFICATE

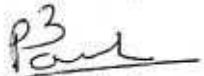
Dear Sir/Madam,

This is to certify that Miss. "Sanjana Jyotiba Mali" has worked at our organization Digital Partners IT Solution Pvt. Ltd. Pune, Joining date 1st Sep 2022 to 3rd Nov 2022 as an Digital Marketing Intern.

Her work reflects her thoroughness in understanding and implementing her Study of Utility Digital Marketing for the Business Development Small and Medium Enterprises.

We wish her good luck and success in her all future endeavors.

Sincerely,



Prakash Pawar
Director

Digital Partners IT Solution Pvt. Ltd.





Project Internship Completion Certificate

To whomsoever it may concern

July 30, 2022

This is to certify that **Mr. Mohammed Azhar Rauf Dongre** studying **Master of Computer Applications** in **Zeal Institute of business administration, computer applications and research, Pune** has successfully completed internship work from March 2022 to July 2022 at Vardhaman Om Paper Product.

For Vardhaman Om Paper Product.

A handwritten signature in black ink that reads 'Aditya' with a stylized flourish below it.

(Aditya Bamb)
Director,
Vardhaman Om Paper Product.





Cravita Technologies India Private Limited

B-1, 2nd Floor, Abhinav Apartment,
Beside Congress Bhavan,
Shivajinagar, Pune - 411005 |
Contact No: +91 - 7083777567 Web:
www.cravitaindia.com

March 11, 2022

To,
Mr. Aditya Sunil Kanchan
Pune

Subject: Internship Offer Letter

Dear Aditya,

Further to your Internship Interview with us, we are pleased to deploy you on our Live Project at our esteemed organization. Your Internship will start from **March 14, 2022**.

Please note that this Project assigned to you is a real-time live project and would be used for organization, group companies and clients. The project would be made live on successful completion of the application. You would be under the able guidance of our Program Managers and Team Leaders. You will work in a group and abide by our rules and regulations assigned on the joining day.

We wish you all the very best and have a pleasant stay with **Cravita Technologies India Pvt. Ltd.**

Thanking You.

**For Cravita Technologies India
Private Limited**

Authorized
Signatory





THREENG TECHNOLOGIES

THREENG TECHNOLOGIES
F704 GK Palacio,
Barhadewadi, Shiv road,
Moshi, Pune - 412105
contact@threeng.com

Date:02-Aug-2023

Work Completion Certificate

This is to certify that Mr.Pawan Bhagwan Lonbale has successfully completed Project.

The work is Completed On 20-July-2023 successfully.

Thanking you and assuring you for our best services always

Name of Work Project: E-BOOK SHOP

Work Period 25-April-2023 To 20-July-2023

Regards,



Sheetal Gosavi
Founder, Threeng Techonologies



This is to certify that all works mentioned above been virtually completed in accordance with the specifications, provisions, and conditions of the period