

Parul University
Faculty of IT & Computer Science
MCA3/M.Sc. IT3/IMCA7
Academic Year 2024-25 ODD Term
Minor Project Work Completion, Submission and Internal Review Plan

Mile Stone No.	Description	Last Submission Date
*	Minor Project Definition Submission	31-05-2024
*	Approval and Presentation of Proposed Minor Project Definitions	06-07-2024
1	Project Profile 2.1 Project Definition (Write Project Title & Name) 2.2 Project Description (Min. 400 word) 2.3 Existing System and/or Work Environment (Study Min. 3 similar systems and manual working environment) 2.4 Problem Statements (which can be solved your systems) 2.5 Need for New System (Strong reasons to develop new system for identified problems) 2.6 Proposed System & Features (All Modules, features and functionalities thought by you to include. Write in detail) 2.7 Scope (Where, How, By Whom and When your system can be used. Define your project scope in detail) 2.8 Outcomes (Mention Benefits/Profits/Pros of your system once it will be developed and ready to use) 2.9 Tools & Technology used (Justify each Tool and technology as a best choice for development of your project). 2.10 Project Plan (Prepare Tabular Plan with Tasks and Dates as well as generate Project Timeline chart from given submission dates or your planned dates.	Complete On or Before 20.07.2024
2	Requirement Analysis 3.1 Feasibility Study (No theory. Prove that your project is Technically, Economically, Operationally and Social Feasible. Write each feasibility in separate sub-title) 3.2 Users of the System (Roles, Rights and Responsibilities of each user in your system) 3.3 Modules of the System (Finalize all modules and give description module-wise features and functionalities) 3.4 Process Model (Select the best suitable Development Strategy and find similar process model to follow. Justify your selection. Add diagrams and Scrums (in case of Agile Process). 3.5 Hardware & Software Requirements (3.5.1 H/w & S/w configuration at Developers' End 3.5.2 Min. H/w & S/w requirement at Client's/User's End 4 Use Cases (Write Actors of your system and Actor-wise use cases that will be performed by each Actors) 5 Use Case Diagram (Follow standard Specification and Symbols)	Complete On or Before 10.08.2024

3	<p>Design</p> <p>4.1 Use Case Scenarios (Prepare and Write each use-case scenario in tabular format)</p> <p>4.2 Diagrams</p> <p>4.2.1 For UML Diagrams (for OOAD) (Follow UML Specification or higher to draw UML diagrams such as: Class Diagram, Sequence Diagram, Activity Diagram, Deployment Diagram etc.</p> <p>For Structured Diagrams (for SSAD) (Draw Structured Chart, System Flow Chart, DFD (Context Level to min. up to 2nd Level, Decision Trees etc.)</p> <p>4.2.2 Entity Relationship Diagram</p> <p>4.3 Data Dictionary (Select proper format and include description for all components of data such as Database, Tables, Procedures, Functions, Triggers etc.</p>	<p>Complete On or Before 24.08.2024</p>
4	<p>Implementation</p> <p>5.1 Form Layouts (Screenshots with Description and operating instruction)</p> <p>5.2 Report Layouts (Screenshots of View or Report Pages with small description)</p> <p>5.3 Business Logic (Coding Conventions with top module's explanation with demo codes)</p>	<p>Complete On or Before 21.09.2024</p>
5	<p>Testing</p> <p>6.1 Test Strategy (Prepare Test Plan, Identify and finalize testing Methods/techniques and Tools for your Testing and write about it here)</p> <p>6.2 Test Cases (Design Test Cases in Tabular Format, include all important fields. Perform manual and Automation Testing as per your designed test cases. Include Screenshots of Testing with Result/Notification.</p>	<p>Complete On or Before 28.09.2024</p>
6	<p>Bibliography (Documentations, Tutorials, Courses, Videos, Books, Blogs etc. which you refer for your Minor Project.</p>	<p>Complete On or Before 01.10.2024</p>

Schedule of Minor Project REVIEWS & Submission of Work:

Sr. No	Review & Submission Details	Proposed Review Date	Marks
1	REVIEW-1: Project Profile & Requirement Analysis	10 th Aug-2024	25 M
2	REVIEW-2: Design and Implementation	28 th Sep-2024	25 M
3	REVIEW-3: Completed Project Demo, Final Document with all Testing Done	4 th & 5 th October, 2024	30 M
4	Reporting to allocated guide (Twice per week)	Minimum two times every week	20 M
4	FINAL SUBMISSION of Final Project Documentation in Soft Copy and Hard-copy with Spiral Binding, Final completed Project Demo in Soft-copy and with Final PPT Presentation	Before 9 th October, 2024 (One spiral-bound College Copy and One Copy for each group members as per earlier given Minor Project Guidelines and Formats)	

Instruction:

- It is compulsory for each group and students to take approval on minor project work from your allocated guide to be eligible to appear in review.
- Without approval from guide, no groups will be allowed to appear and give review.
- Total Marks of 3 Internal Reviews and reporting is 100 as shown in above table. All review exam is mandatory for all. Your total achieved marks will be converted in 40 and will be submitted to university only after your presence in all 3 reviews and your final submission is done.
- Follow guidelines, formats and instructions given from Department and Guides strictly.