MCA Semester-IV – A.Y. 2023-2024
Course: ITC41 Project

Milestones

(Please refer Project Index attached)

Activity No	Description	Submission Date	Submission Details
1	Project Title and Project Scope Decision	13th Jan, 2024	- User Requirements - Module specifications - Technology to be used
2	Draw Diagrams: Business Use case ,Class diagram , ER Database Design/ Data Dictionary and Write points all mentioned in chapter 1	20th Jan, 2024	Submit soft copy of diagrams And Chapter -1
3	Module Hierarchy Diagram and Input design, Output Design (GUI) (Chapter points – 3.8 and 3.9)	3rd Feb, 2024	Show design
	Submit soft copy up to second chapter		Soft copy of chapter 1and 2
4	Validations and Code Review1	24th Feb, 2024	Partial Execution Code Review
5	Module / Menu Integration Discussion about Test cases Documentation upto 5th chapter	9th March, 2024	Code Execution and submission
6	Full Documentation and Working Demo along with Project diary	30th March, 2024	Complete code submission soft copy of the entire project. (Documentation and code)
7	Black Bound Copy Submission	13th April, 2024	Black bound copy with proper title page, All required certificates and index-wise arranged

Dr. Mukul Kulkarni
Coordinator, Project

MCA – Sem-IV (2022-23)

Project INDEX -- Application Development Project

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.)