

TABLE OF CONTENT

S.no	Date	Content	Page No	Signature
1		Problem Statements 1.1.1 - Identify the Software Project Problem Statement 1.1.2 - Create Business Case		
2		Stakeholders & Process Models 2.1.1 - Identifying Stakeholders 2.1.2 - User story 2.1.3 - Identify the Appropriate Process Modules 2.1.4 - Arrive at a Problem Statement 2.1.5 - Perspective Model 2.1.6 - Comparison between agile and waterfall model		
3		Identifying The Requirements From Problem Statement 3.1.1 - Requirements 3.1.2 - System Requirements 3.1.3 - Functional Requirements 3.1.4 - Non-Functional Requirements		
4		Project Plan and Project Effort Based On Resources 4.1.1 - Project Plan 4.1.2 - Identify Job Roles and Responsibilities		
5		Project Effort Based On Resources 5.1.1 - Work Breakdown Structure 5.1.2 - Risk Analysis		
6		Estimation of Project Metric's 6.1.1 - Function Point Analysis COCOMO Model		
7		Design		

8		Modelling Uml Use Case Diagrams & Capturing Use Case Scenarios 8.1.1 - Use casedescription 8.1.2 – Use case diagram		
9		E-R modeling from the Problem Statements 9.1.1 – ER Diagram 9.1.2 – ER Diagram Description		
10		Identifying Domain Classes From The Problem Statements 10.1.1 - DomainClass 10.1.2 - UsingGeneralization 10.1.3 - UsingSubclasses		
11		Statechart& Communication Modelling 11.1.1 - StatechartDescription 11.1.2 –StatechartDiagram 11.1.3 –communication description 11.1.4 –communication diagram		
12		Modelling UML Class Diagram & Sequence Diagrams 12.1.1 - Classdiagram 12.1.2 –Class description 12.1.3 -Sequencediagram 12.1.4 –sequence description		

13		Modelling Data Flow Diagram 13.1.1 Data FlowDiagram 13.1.2- DFD Description		
14		Implementation 14.1.1 – Designer's view 14.1.2 – Blocks view		
15		Estimation of Test Coverage Metrics & Structural Complexity 15.1.1 - Control FlowGraph 15.1.2 - McCabe's CyclomaticComplexity 15.1.3 - Optimum Value of CyclomaticComplexity		
16		Designing Test Suites 16.1.1 - SoftwareTesting 16.1.2 - Testing Frameworks 16.1.3 - Master Test Plan 16.1.4 - Manual Testing		
17		Deployment Report		
18		Conclusion		
19		References		

Project Completed In The **Session 2019-2020**