

TITLE

18CSC206J-SOFTWARE ENGINEERING AND PROJECT MANAGEMENT REPORT

Submitted by

Name of the Student1 [Register No]

Name of the Student2 [Register No]

Name of the Student3 [Register No]

Under the guidance of

STAFF NAME WITH QUALIFICATION

(Assistant Professor, Department of Computer Science and Engineering)

in fulfillment for the award of the degree

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

of

FACULTY OF ENGINEERING AND TECHNOLOGY



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

RAMAPURAM CAMPUS, CHENNAI -600089

JUNE 2022



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Ramapuram, Chennai-600089
FACULTY OF ENGINEERING AND TECHNOLOGY



Department of Computer Science and Engineering

BONAFIDE CERTIFICATE

Certified that this is the bonafide record of work done by
Name of the Student 1(Register No), Name of the Student 2(Register
No), Name of the Student 3(Register No), of IV Semester B.Tech
Computer Science and Engineering during the academic year 2021-
2022 Even Semester in 18CSC206J – SOFTWARE ENGINEERING
AND PROJECT MANAGEMENT

Staff In-charge

Head of the Department

Submitted for the End Semester Practical Examination held on _____
at SRM Institute of Science and Technology, Ramapuram, Chennai-89.

Examiner-1

Examiner-2

INDEX

S.NO	DATE	NAME OF THE EXPERIMENT	PAGE NO.	Signature of the Staff
1		Identify the Software Project, Create Business Case, Arrive at a Problem Statement		
2		Stakeholder and User Description, Identify the appropriate Process Model, Comparative study with Agile Model		
3		Identify the Requirements, System Requirements, Functional Requirements, Non-Functional Requirements		
4		Prepare Project Plan based on scope, Find Job roles and responsibilities, Calculate Project effort based on resources		
5		Prepare the Work, Breakdown Structure based on timelines, Risk Identification and Plan		
6		Design a System Architecture, Use Case Diagram, ER Diagram (Database), DFD Diagram (process) (Up to Level 1), Class Diagram (Applied For OOPS based Project), Collaboration Diagram (Applied For OOPS based Project) (Software – Rational Rose)		
7		State and Sequence Diagram, Deployment Diagram, Sample Frontend Design (UI/UX)		
8		Module Description, Module Implementation Using Agile		
9		Module Implementation, Scrum Master to Induce New requirements in Agile Development		
10		Module Implementation, Scrum Master to Induce New Issues in Agile Development		
11		Module Implementation ,Scrum Master to Induce New requirements in Agile Development, Scrum Master to Induce New Issues in Agile Development, Code Documentation		
12		Master Test Plan, Test Case Design		
13		Manual Testing		
14		User Manual, Analysis of Costing, Effort and Resources		
15		Project Demo and Report Submission with the team		