Academic Year: 2023_24

Experiment List

Subject: Software Engineering **Subject Code: DJ19CEC601**

Class: TE **Sem: VI** **Div: C1/C2/C3**

Code	Course Outcome	Bloom's Level
DJ19CEC601.1	Understand and Demonstrate basic knowledge in Software Engineering	Understand
DJ19CEC601.2	Identify requirements, analyse, design and develop the software projects.	Apply, Create
DJ19CEC601.3	Plan, schedule and track the progress of the projects.	Apply, Analyze
DJ19CEC601.4	Identify risks, manage the configuration and change in software	Analyze
DJ19CEC601.5	Apply testing principles on software projects	Apply, Analyze
DJ19CEC601.6	Apply latest tools and techniques on software projects.	Apply

Expt. No.	Name of Experiment	
1	To identify a suitable life cycle model for your case study and justify your choice.	1
2	To create an SRS in IEEE format it for your case study.	1
3	Identify scenarios & develop UML Use case and Class Diagram for the project.	2
4	Develop Activity diagram and DFD (up to 2 levels) for the project.	2
5	Estimate effort and cost required using FP/COCOMO for the project. Create WBS and Gantt Chart for the same. Use PM Tool to depict a project plan.	3
6	Develop Sequence and Collaboration diagram for the project.	2
7	Design test cases for your SRS. Verify it by using white box testing	5
8	To create a RMMM plan: Create risk assessment template for a case study	4

9	Study of Configuration Management using GitHub	4
10	Experiment on DevOps application	6

Faculty In-charge:

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