



SCHOOL OF COMPUTER SCIENCE ENGINEERING AND INFORMATION SYSTEMS
CONTINUOUS ASSESSMENT TEST - II
WINTER SEMESTER 2024-2025

SLOT: E1+TE1

Programme Name & Branch : M.Tech -Software Engineering
Course Code and Course Name : ISWE202L - Requirements Engineering and Management
Faculty Name(s) : Prof.Senthil Kumar P, Prof.Sree Dharinya S,
Prof. Sujatha R, Prof. Jagadeesh G, Prof.Kamalakaran J
Class Number(s) : 3380, 3382, 3384, 3377, 3378
Date of Examination : 20/03/2025
Exam Duration : 90 minutes **Maximum Marks: 50**

Course Outcomes

CO3- Apply the various strategies of requirement elicitation process and appreciate the challenges of requirement elicitation

CO4 - Appreciate the various methods of defining a system and scope management

Q. No	Answer All Questions	M	CO	BL
1.	You are a business analyst tasked with leading a requirements workshop for a new mobile application called "Smart Grocery List." This app aims to revolutionize grocery shopping by providing users with intelligent features to manage their grocery lists, track spending, and even suggest recipes based on available ingredients. The target users are busy professionals and families who want to simplify their grocery shopping experience and reduce food waste. Plan and run a successful requirements workshop with all required components and detail the same. ?	10	CO3	BL6
2.	Based on the gained understanding from the question no. 1 generate the software product vision document. ↗	10	CO4	BL6
3.	Consider the application mentioned in the question no.1. Focus on the scenario where a user wants to add an item to their grocery list. Develop a complete use case specification template for this "Add Item to Grocery List" use case. ↗	10	CO4	BL6
4.	Consider the application mentioned in the question no.1. When exploring the software requirements, it's crucial to capture all facets of a system's behavior. Identify and describe the five major classes of information needed to fully specify the behavior of this app.	10	CO4	BL4
5.	Consider the application mentioned in the question no.1. Beyond the core functional and non-functional requirements, several supplementary specifications are crucial for a complete understanding of the system's behavior and its successful deployment. Identify and describe the supplementary specifications relevant to the "Smart Grocery List" app, providing concrete examples for each category. Explain why these supplementary specifications are important and how they contribute to the overall quality and success of the application.	10	CO4	BL6