Micro-Link
Information Technology & Business college

Software Tools Assignment(unit-7)

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I: True/False Questions

1. True
2. False
3. False
4. True

II: Short Answer Questions

1. What is a requirement?

Requirement is a specific thing your system must satisfy in order to function correctly. It is usually something that can be tested to ensure that the system behaves as expected. Requirements may specify what the system should do, or in some cases, what it should not do.

2. Why is writing use cases iterative?

Writing use cases can be an iterative process because, during the review, new requirements are often uncovered that the customer did not initially specify. Additionally, as use cases are refined, additional user stories or requirements may need to be written, leading to further adjustments.

3. Explain actor, goal, and scenario.

✓ Actor: An actor is an external agent that interacts with the system. It can be a user or another system.

✓ Goal: A goal is a specific result or outcome that is achieved by executing a use case.

✓ Scenario: A scenario is a narrative within a use case that describes what happens step-by-step when an actor interacts with the system to achieve a goal.

4. What are the classifications of objects discovered via textual analysis?

The three classifications of objects discovered via textual analysis are:

✓ Boundary Objects: Represent the system boundary, such as user interface elements or interactions with external systems.

✓ Control Objects: Represent decision-making entities that manage the flow of the application, such as what happens when a button is pressed.

✓ Entity Objects: Represent data stores or persistence elements that capture or represent information within the system.