Tutorial 07

Question

1. Which step in the requirement analysis process involves gathering requirements from

various sources?

a) Documentation

b) Elicitation

c) Analysis

d) Prioritization

2. What is the purpose of the prioritization step in requirement analysis?

a) To validate the requirements

b) To gather requirements from stakeholders

c) To analyze the feasibility of requirements

d) To determine the order of addressing requirements

3. Which technique involves creating a preliminary version of the system to gather feedback

from stakeholders?

a) Interviews

b) Surveys and questionnaires

c) Prototyping

d) Use case analysis

4. Which step in the requirement analysis process involves assessing the technical feasibility of

the requirements?

a) Verification

b) Validation

c) Documentation

d) Analysis

5. Which technique involves directly observing users or stakeholders in their work

environment?

a) Document analysis

b) Observations

c) Decision analysis

d) Requirements workshops

6. What is the purpose of the analysis step in requirement analysis?

a) To gather requirements from stakeholders

b) To prioritize the requirements

c) To identify inconsistencies and conflicts in requirements

d) To create a preliminary version of the system

7. Which technique involves analyzing the flow of data through the system using diagrams?

a) Use case analysis

b) Entity-Relationship diagrams

c) Prototyping

d) Data flow diagrams

8. What is the purpose of the validation step in requirement analysis?

a) To assess technical feasibility

b) To prioritize the requirements

c) To ensure the requirements accurately represent stakeholders' needs

d) To gather requirements from stakeholders

9. Which technique involves conducting collaborative sessions with stakeholders to generate

ideas and identify requirements?

a) Decision analysis

b) Document analysis

c) Workshops and brainstorming

d) Use case analysis

10. What is the role of management and communication in the requirement analysis process?

a) To prioritize the requirements

b) To gather requirements from stakeholders

c) To maintain traceability between requirements and related artifacts

d) To analyze the feasibility of requirements