

# 4 Lecture - CS504

## Important Mcqs

**What is the purpose of stakeholder analysis in requirement engineering?** a) To prioritize requirements based on stakeholder preferences b) To identify and understand the stakeholders involved in the project c) To validate requirements with stakeholders d) To document stakeholder feedback

**Solution: b) To identify and understand the stakeholders involved in the project**

**Which technique is commonly used for requirement prioritization?** a) MoSCoW prioritization b) Fishbone diagram c) Pareto analysis d) Decision tree analysis

**Solution: a) MoSCoW prioritization** **What does the term "traceability" refer to in requirement engineering?** a) The ability to track changes made to requirements b) The process of capturing user feedback on requirements c) The technique used to validate requirements d) The mapping between requirements and other artifacts

**Solution: d) The mapping between requirements and other artifacts**

**What is the purpose of a requirements traceability matrix (RTM)?** a) To manage changes in requirements b) To document stakeholder analysis findings c) To track the status of requirements throughout the project d) To prioritize requirements based on business value

**Solution: c) To track the status of requirements throughout the project** **Which technique helps in identifying and managing conflicts among requirements?** a) Impact analysis b) Prototyping c) Requirements review d) Negotiation and compromise

**Solution: d) Negotiation and compromise**

**What is the purpose of a change control process in requirement engineering?** a) To prevent any changes to requirements b) To approve and manage changes to requirements c) To document stakeholder feedback d) To prioritize requirements based on importance

**Solution: b) To approve and manage changes to requirements** **What is the goal of requirements validation?** a) To document stakeholder requirements b) To prioritize requirements c) To ensure that requirements are correct, complete, and consistent d) To track changes in requirements

**Solution: c) To ensure that requirements are correct, complete, and consistent**

**Which technique is used to ensure that requirements are testable and verifiable?** a) Prototyping b) Use case modeling c) Requirement elicitation d) Requirements review

**Solution: b) Use case modeling** **What is the purpose of a requirements review?** a) To prioritize requirements b) To document stakeholder feedback c) To validate requirements with stakeholders d) To identify issues or errors in requirements

**Solution: d) To identify issues or errors in requirements**

**Which technique is used to manage conflicts between conflicting requirements?** a) Stakeholder analysis b) Negotiation and compromise c) Prototyping d) MoSCoW prioritization

**Solution: b) Negotiation and compromise**