

The 7 Steps in Requirement Engineering

Requirement Elicitation: Gathering requirements from stakeholders using techniques like interviews, questionnaires, and workshops.

Requirement Analysis: Analyzing and refining gathered requirements to remove inconsistencies and contradictions.

Requirement Specification: Documenting the analyzed requirements clearly in the Software Requirements Specification (SRS) document.

Requirement Validation: Ensuring the requirements accurately reflect stakeholder needs and are achievable within the system's scope.

Requirement Prioritization: Deciding which requirements are critical for the project and need to be implemented first.

Requirement Management: Continuously tracking, reviewing, and managing changes in requirements throughout the development lifecycle.

Requirement Traceability: Ensuring that each requirement is traceable through its development, from inception to implementation and testing.