

SDLC - ASSIGNMENT-1

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SDLC Overview Infographic Outline

The SDLC is a structural process to develop high-quality software through distinct phases:

- 1) Requirements: Understand needs of customer to set clear expectations.
 - prevents costly misunderstandings
- 2) Design: Create system architecture and blueprints.
 - guides developers and reduces errors.
- 3) Implementation: Develop the actual software by coding.
 - Turns plans into working product.
- 4) Testing: Validate functionality and find bugs.
 - Ensures software quality.
- 5) Deployment: Launch software for users.
 - makes solutions operational.

Interconnection

Phases how sequentially with feedback loops, agile models, revisit iteratively.