SDLC – Assignment-1

SDLC Overview Infographic Outline

The SDLC is a structure process to develop high-quality software through distinct phases,

1) Requirements
understand customer needs to set clean expectations.
Importance — Prevents costly misunderstandings.

2) Design
- Create system architecture and blueprints.
Importance — Guides developers and reduces errors.

3) Implementation
Develop the actual software by coding
Importance— Turns plans into a working product

4) Testing
Validate functionality and find bugs.
Importance — Ensures software quality

5) Deployment
Launch the software for end-users.
Importance — Makes the solutions operational

Interconnection

phases flow sequentially with feedback loops, Agile models revisit phases iteratively