

SDLC

Assignment - 1

⇒ SDLC Overview Infographic Outline

The SDLC is a structural process to develop high-quality software. It outlines various phases to guide the development team from initial to final deployment and maintenance.

1. Requirement: In requirement we identify business needs and gather requirements from stakeholders. then document and analyze requirements for feasibility.
2. Design: Create architecture and design specifications, and decide on technologies, database structures and system modules.
3. Implementation or coding: In this developers write code based on the design documents. and follow coding standards and best practices.
4. Testing: performs various tests like unit, integration, system, acceptance to ensure quality. and identify and fix bugs.
5. Deployment: Here we release the software to production it may have some staged development or direct rollout.
6. Maintenance: Monitor the system apply updates, find and fix bugs and enhance features as needed.

Name — Anil Gupta
Reg. No. — 2141007073