SDLC

Software Development Lifecycle: The software development lifecycle (SDLC) is **the cost-effective and time-efficient process that development teams use to design and build high-quality software**.

SDLC Methodology:
1. Waterfall:
2. Agile
3. Spiral
4. Lean

WaterFall Model
- Software development process is divided into different phases.
- Each phase has expert professional working to reduce errors.
- Once a phase is completed it is not to be performed again.

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│ Requirement gathering   │ ──▶ │  System Design  │ ──▶ │ Implementation        │
│   ● Functional          │     │                 │     │ Writing code to develop│
│   ● Non-Functional      │     │                 │     │ the software application│
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│ Testing       │ ──▶ │ Deployment    │ ──▶ │ Maintanance   │
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