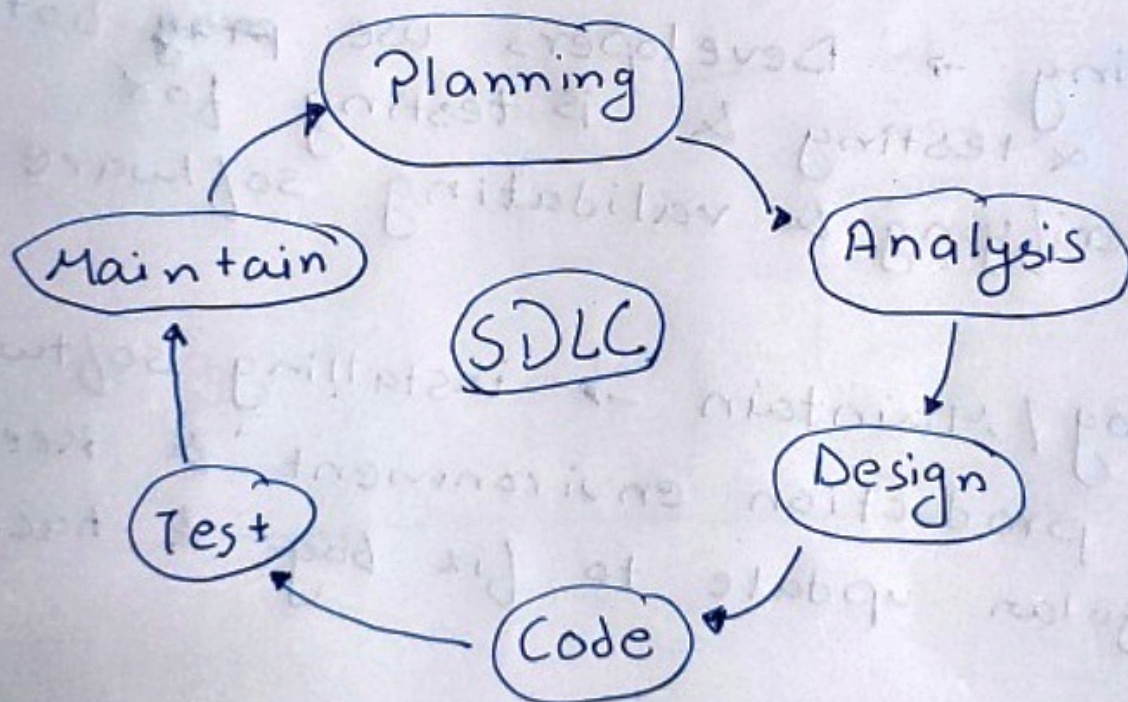


## SDLC

↳ A structured approach to software development that outlines the phases involved in creating software application. It ensures that the development process is systematic, efficient & meets customer requirement.



Planning → Involves project scope, objective, feasibility, gathering initial requirement & risk analysis



Analysis → cover interview, survey document analysis to analysis for the making of the product.

Design → A flow diagram / blueprint for the project defining system architecture & data models, interfaces and system workflow

Implementation (Code) → source code is written based on the design

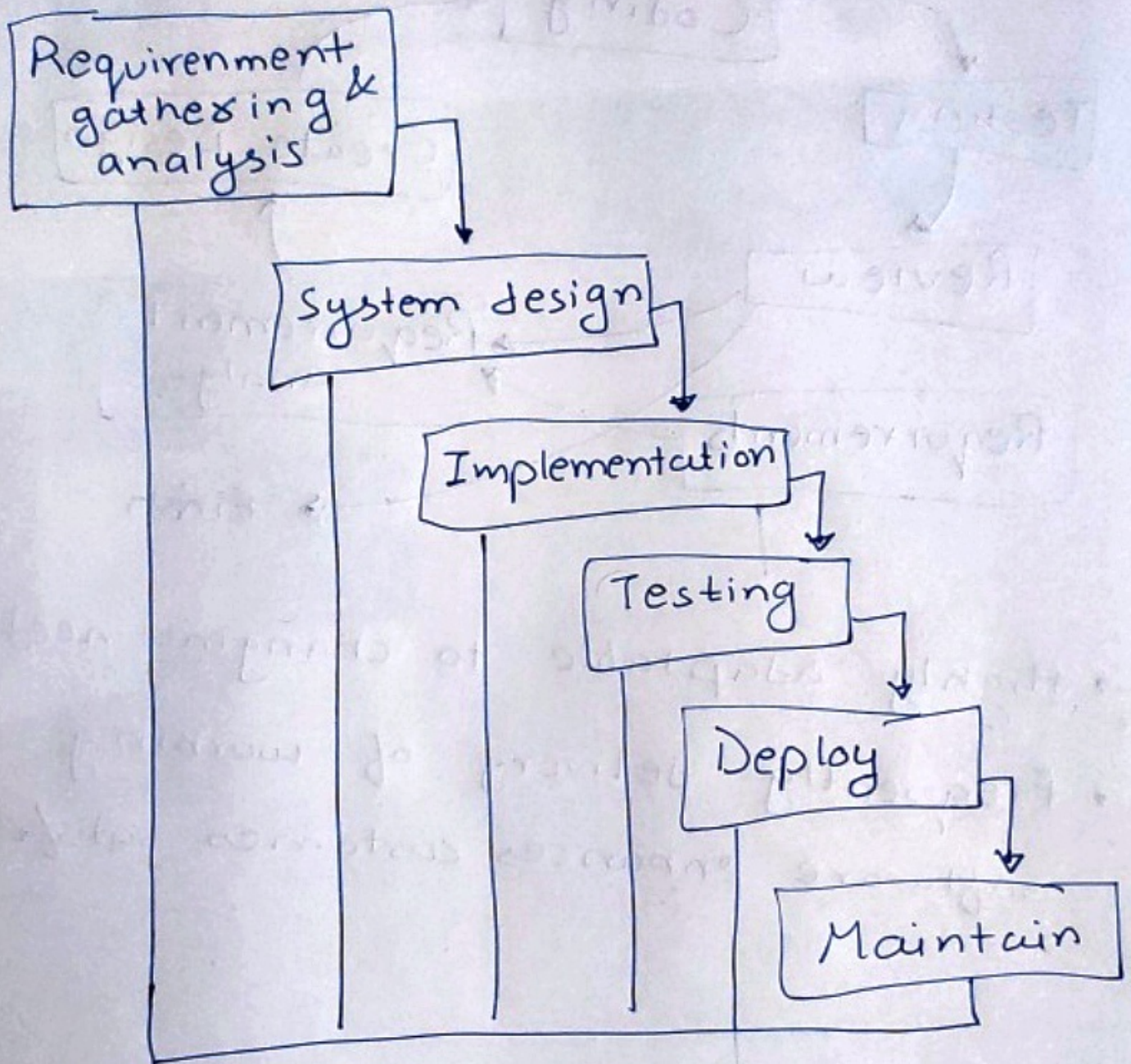
Testing → Developers use ~~prog~~ both α testing & β testing for verifying & validating software

Deploy / Maintain → installing software on production environment & keep a regular update to fix bugs & hack.



eg ->

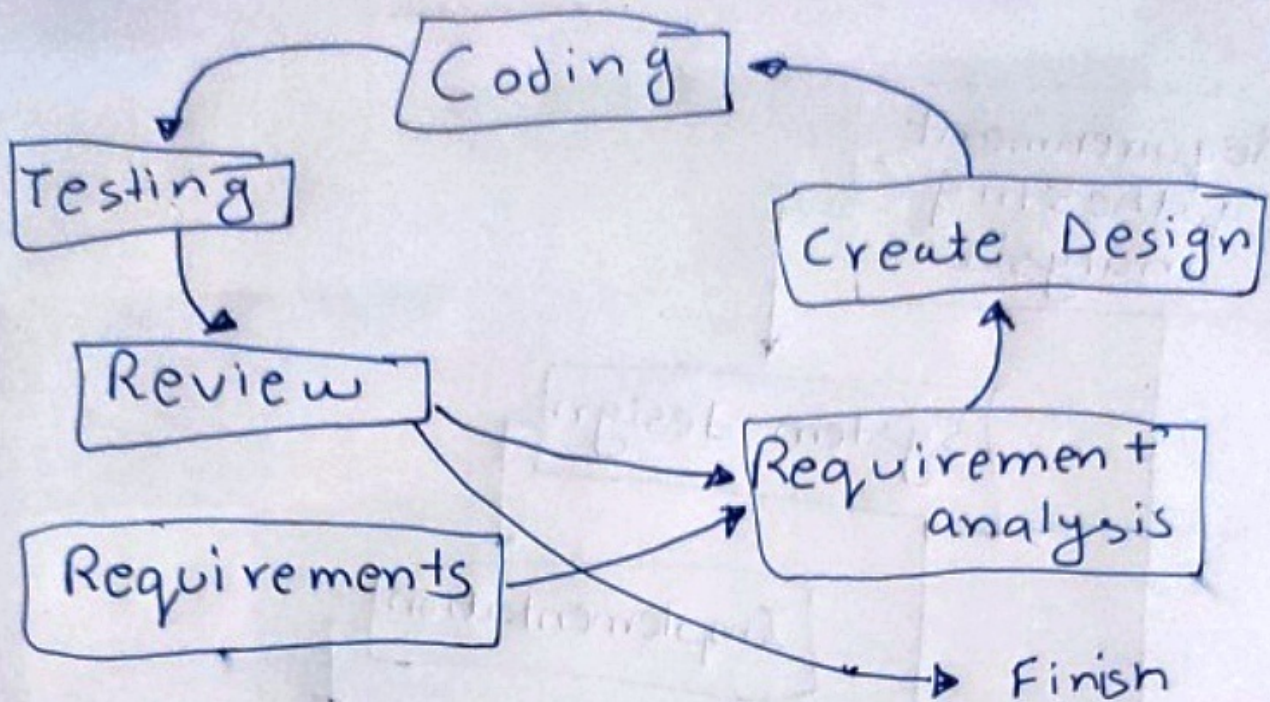
## Waterfall model



- Simple & easy
- well-suited for low level project



## Agile model



- Highly adaptable to changing need
- Frequently delivery of working software enhances customer satisfaction