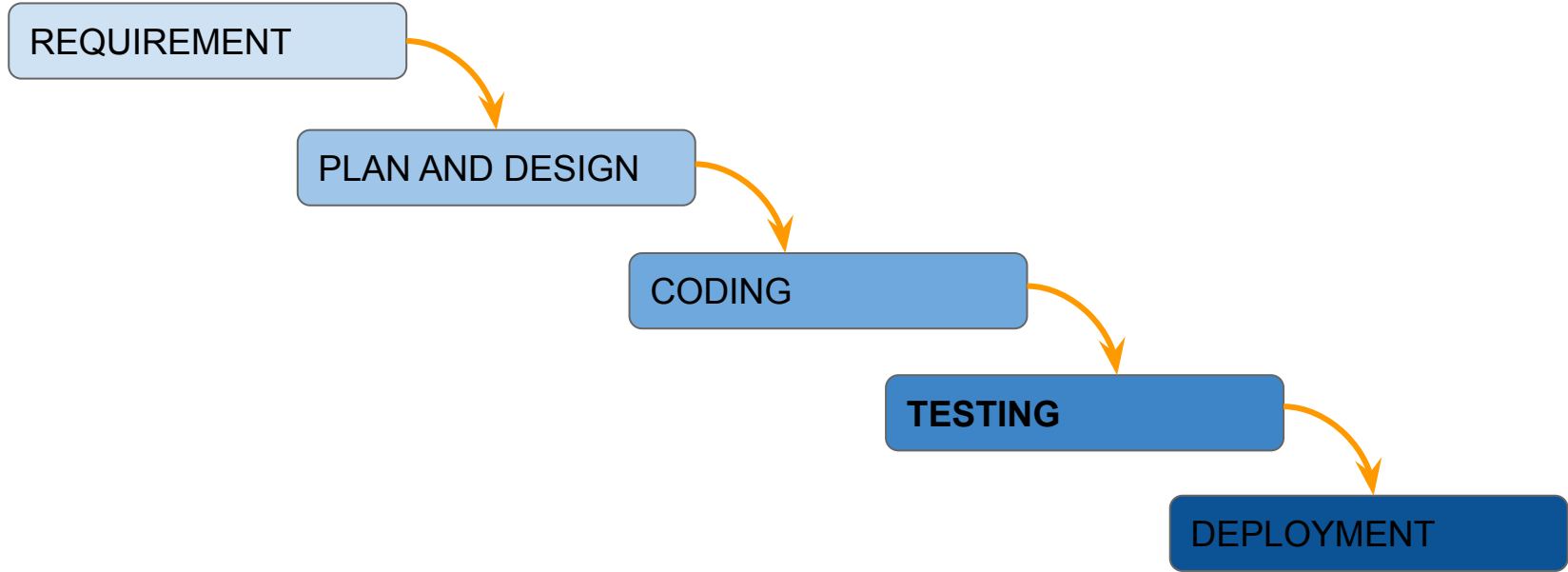


SDLC

SDLC



STLC
—

Software Testing Life Cycle (STLC)

Requirements/Design Review



Test Planning



Test Designing



Test Environment Setup

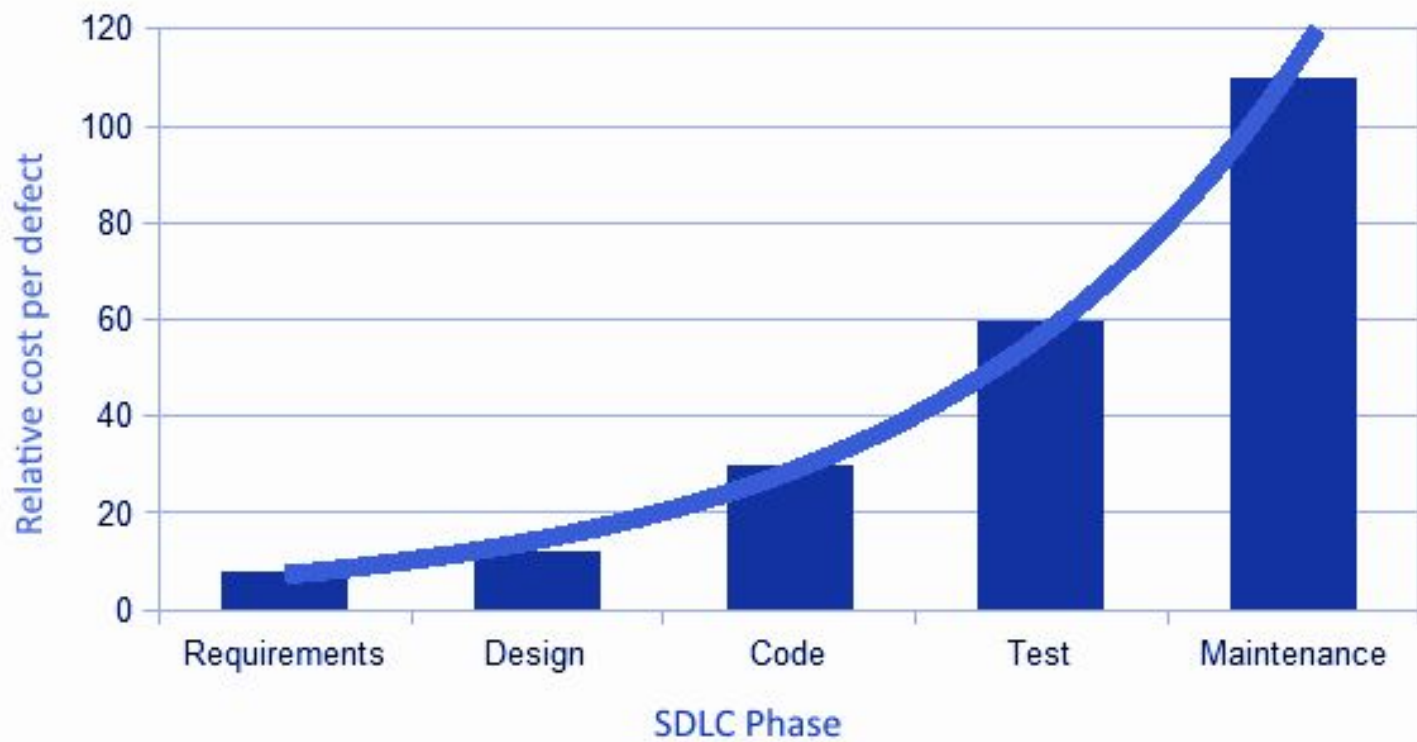


Test Execution



Test Reporting

Cost of Defect



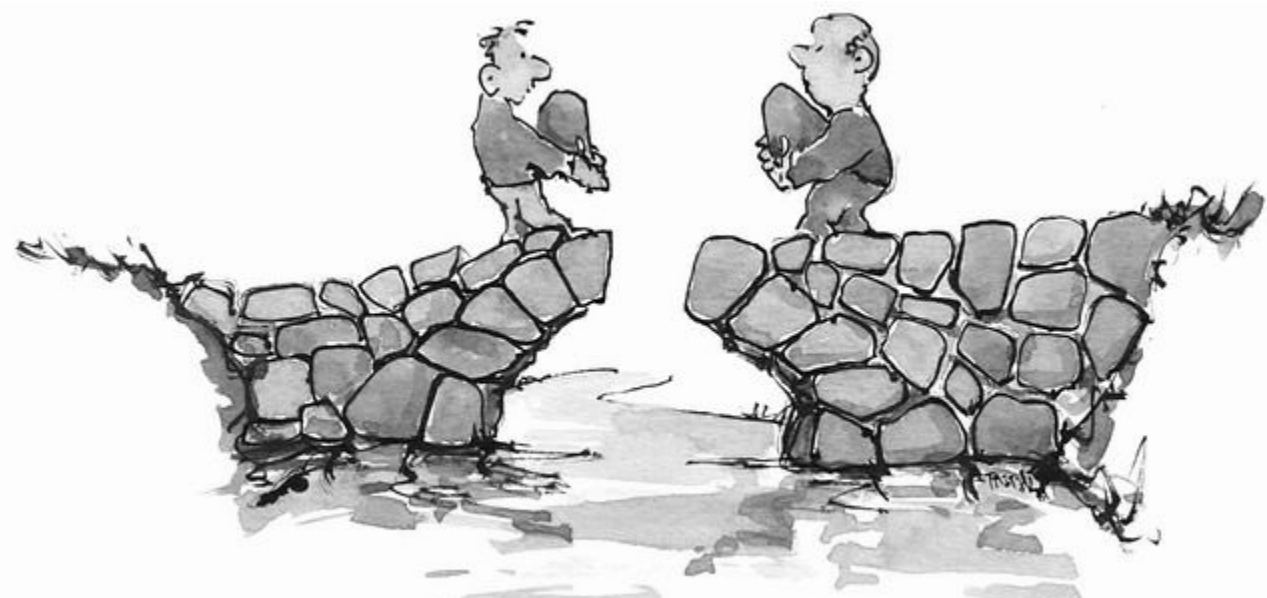
Tester v/s Developer

Tester's Mindset during SDLC

- In Requirement gathering phase, testers understand the application as a whole.
- They create *Test plans*, *Test strategies* and understand the application.
- After development, they test the application on different environments and checks the overall application's performance and functionalities.
- Automation scripts are created to reduce the manual overhead.
- Regression testing and retesting are performed to ensure a best quality product delivery.

Developer Mindset during SDLC

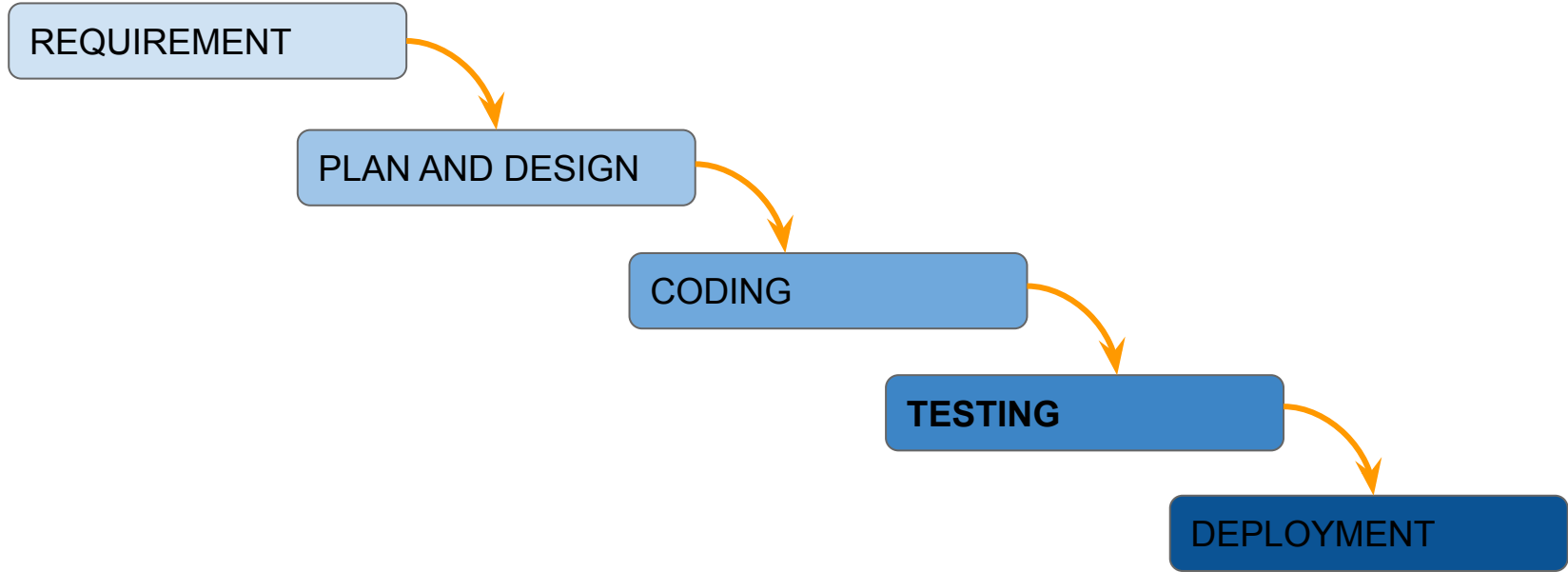
- After requirement gathering developer analyzes the requirement and pinpoint the challenges involved and Finalize the best possible approach.
- Once coding is completed, they create unit tests and test the application according to their understanding.



Software development methodology



Waterfall Model



Waterfall Model

- It is traditional and a rigid type of model.
- Each phase is executed one after other.
- A new phase execution can not start until previous all phases are completed.
- No backtracking is allowed.