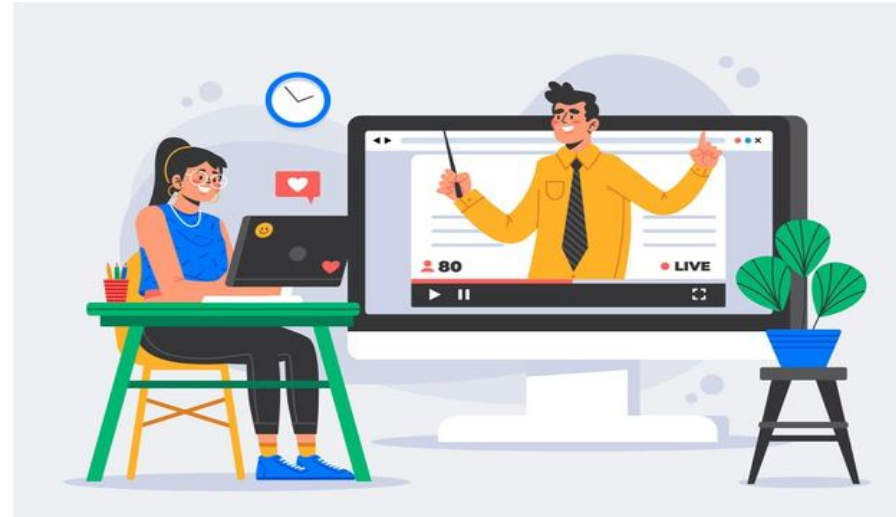




Waterfall Model

Agenda

- What is SDLC ?
- Why is it required ?
- SDLC Process
- Detail Analysis
- Models



What is SDLC?

What is SDLC?

- Software Development Life Cycle (SDLC) is a process used by the software industry to design, develop and test high quality software.
- The SDLC aims to produce a high-quality software that meets or exceeds customer expectations, reaches completion within times and cost estimates.

Why is it required?

Why is it required?

- Gives a defined view of the entire system, resources, timeline, and goals.
- Design reviews help to ensure the reliability and quality of the final product.
- Enhanced control over large or complex projects.
- Involves comprehensive and explicit steps.
- Provide goals and deliverables that meet the standards of each party involved in the project, requires keeping detailed documentation throughout the entire process.
- Easy evaluation of costs and growth of the developed system.

SDLC - Process

SDLC



Raw materials requirement

Planning

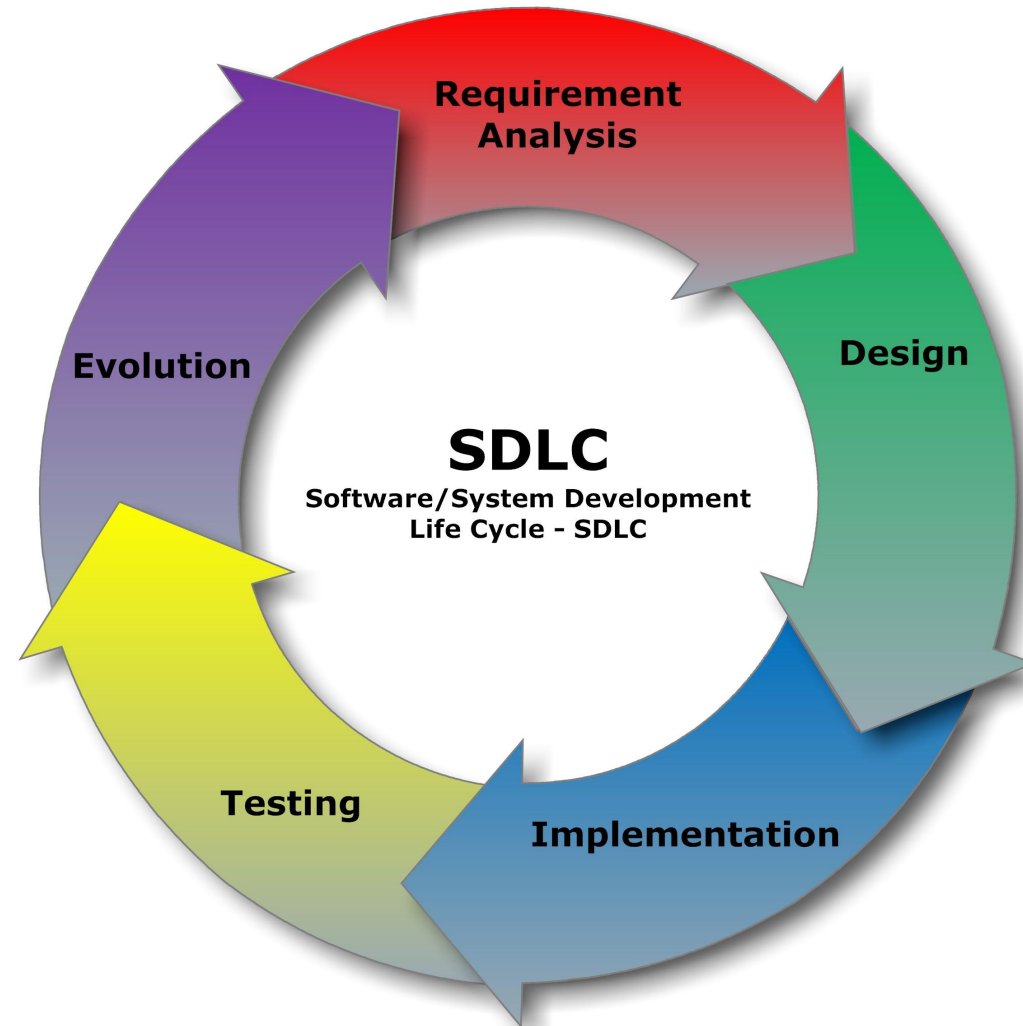
Designing

Construction

Testing

Maintenance

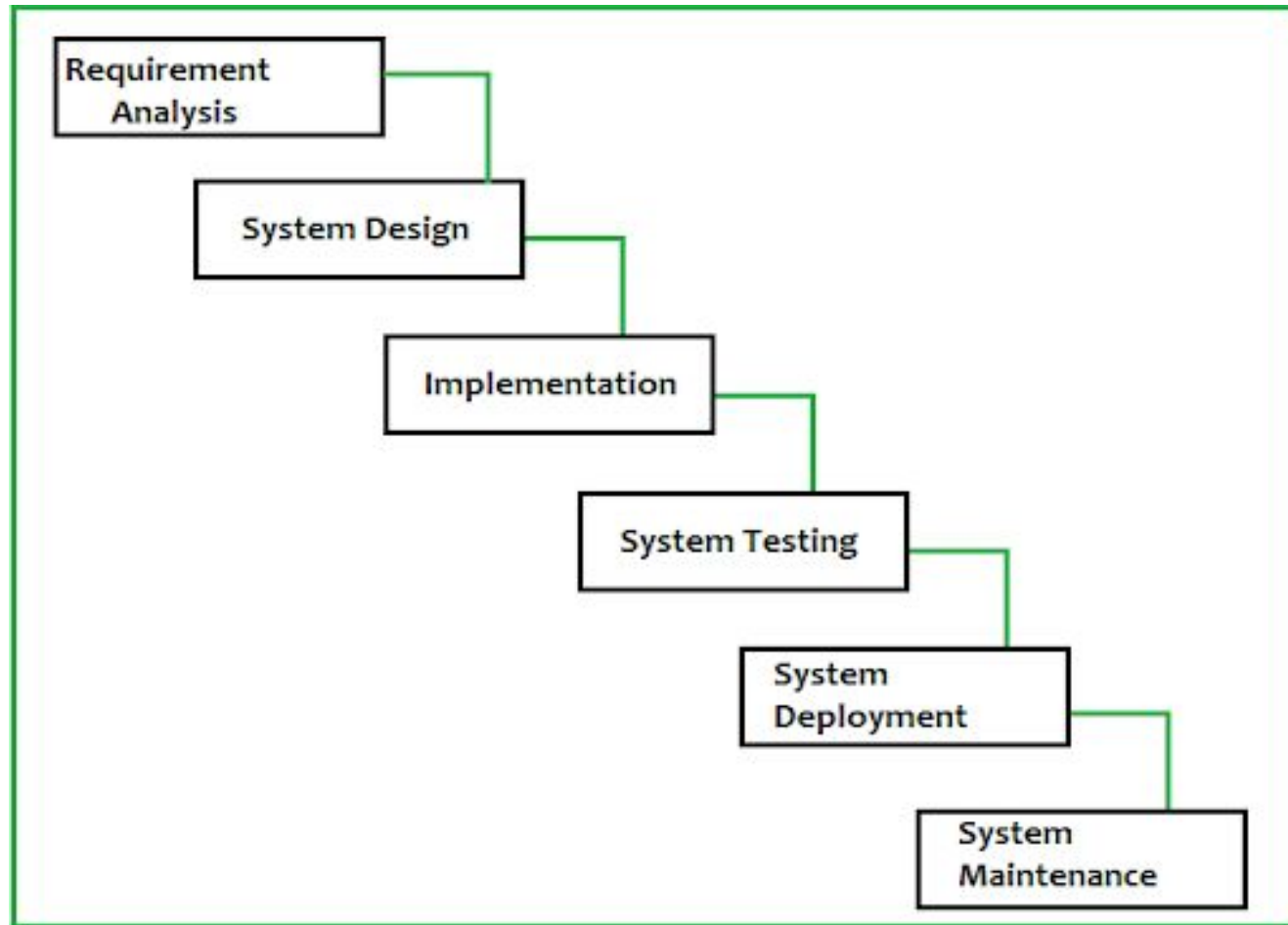
SDLC



Detail Analysis

Models

Waterfall Model



Spiral Model

V Model

Summary

Summary

- Software Development Life Cycle
- SDLC Process
- Different types of Models

Thank You