

CS-381 SOFTWARE ENGINEERING

Course Instructor: Dr. Shazia Arshad



SIDE-PROJECT

YES?

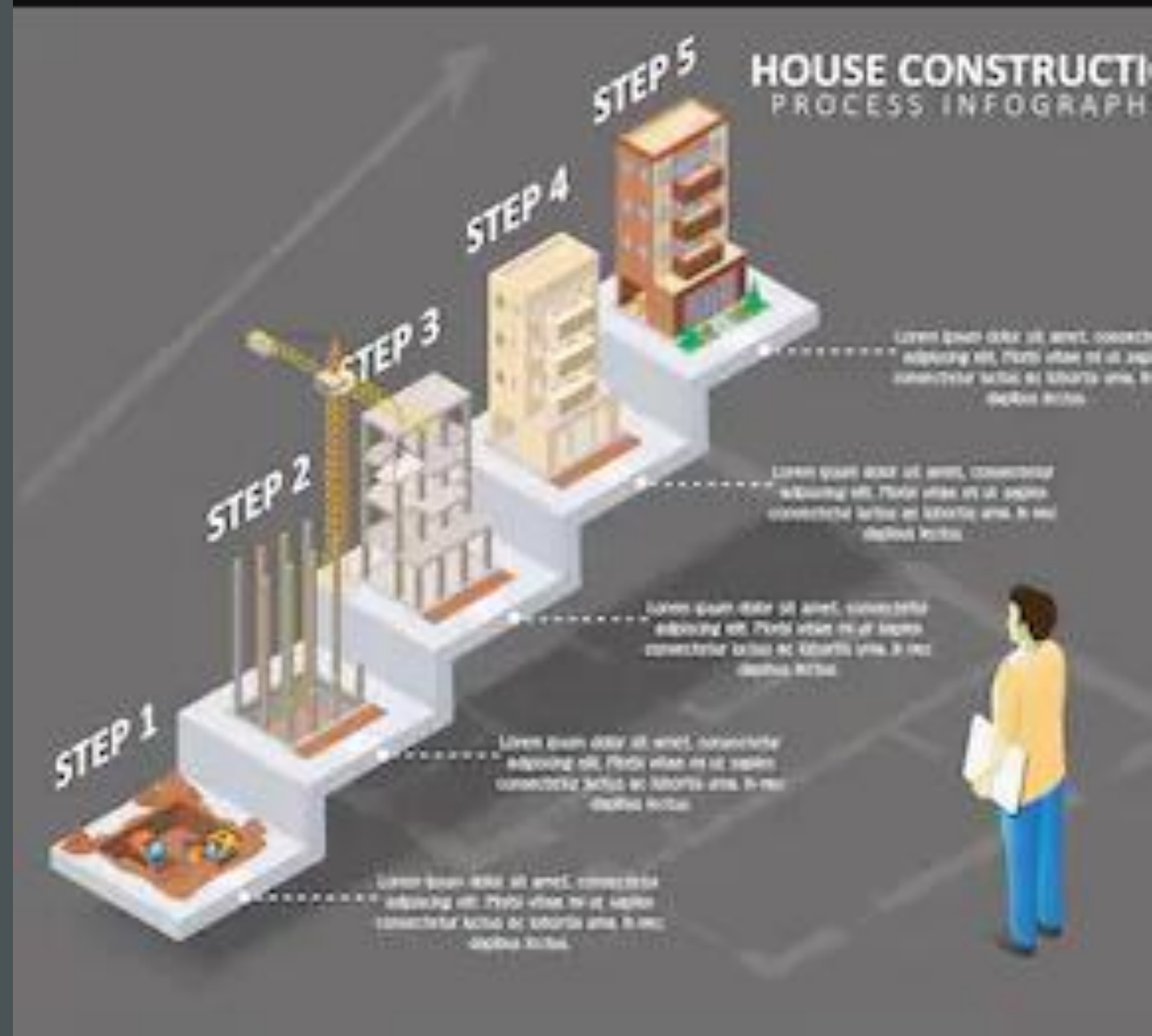
NO?

SHARE YOUR EXPERIENCE OF PREVIOUS
PROJECTS

HOW TO
TAKE A
START?



BUILDING A HOUSE

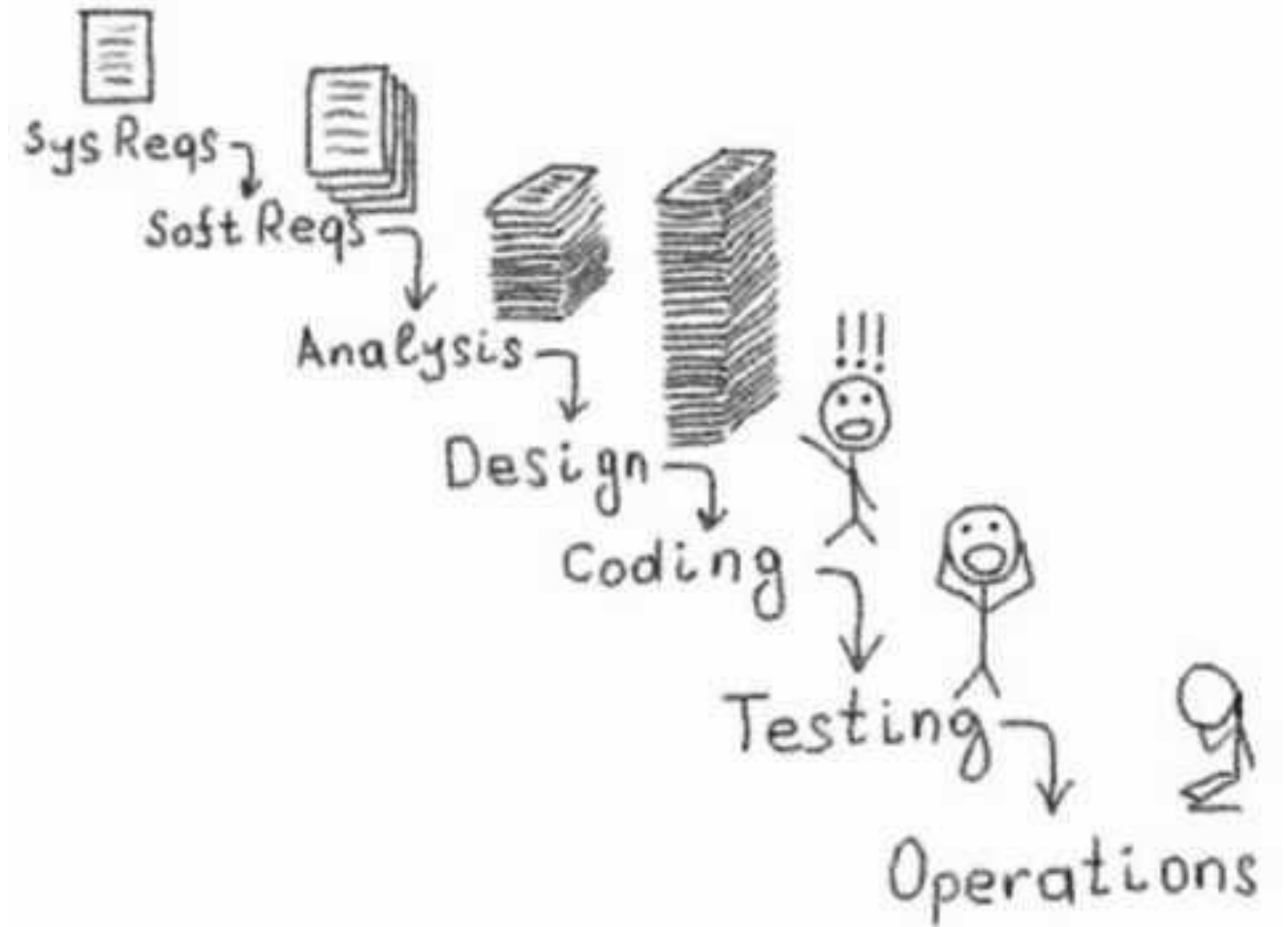




Why Building Software could be like Building a House?

By Junior Mayta
Software Engineer @ Fincite GmbH

**SOFTWARE
DEVELOPMENT
LIFECYCLE**



REQUIREMENT GATHERING PHASE

GOAL:

Collecting client requirements

OUTCOME:

Requirement Gathering Document



ANALYSIS PHASE

GOAL:

Answers the questions of who will use the system, what the system will do, and where and when it will be used.

OUTCOME:

Feasibility Report



DESIGN PHASE

GOAL:

Transformation of all requirements into detailed specifications covering all aspects of the system.

OUTCOME:

Detailed Design Document



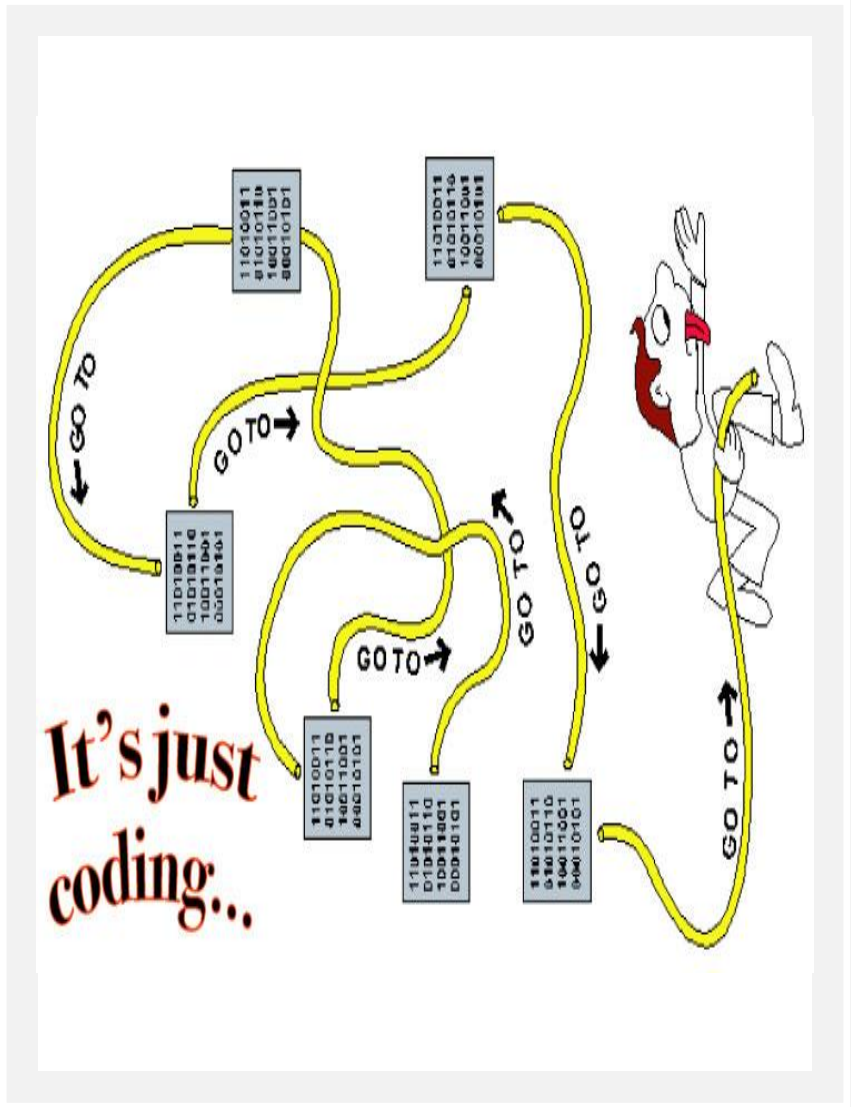
CODING PHASE

GOAL:

Implement the project

OUTCOME:

Complete Product



TESTING PHASE

GOAL:

Test your product

OUTCOME:

Test Cases and Project Testing Backlog



DEPLOYMENT PHASE



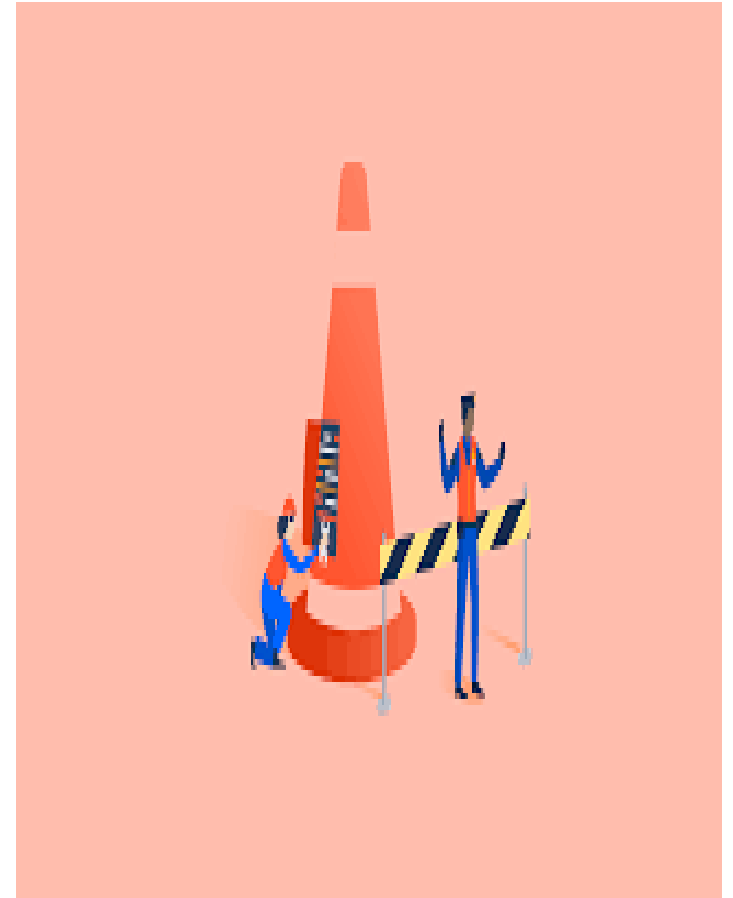
OPERATION AND MAINTENANCE PHASE

GOAL:

To regularly maintain and update your project

OUTCOME:

Updated version of software



TIME TO THINK

Can we skip any phase of SDLC and state reason to justify your answer ????

