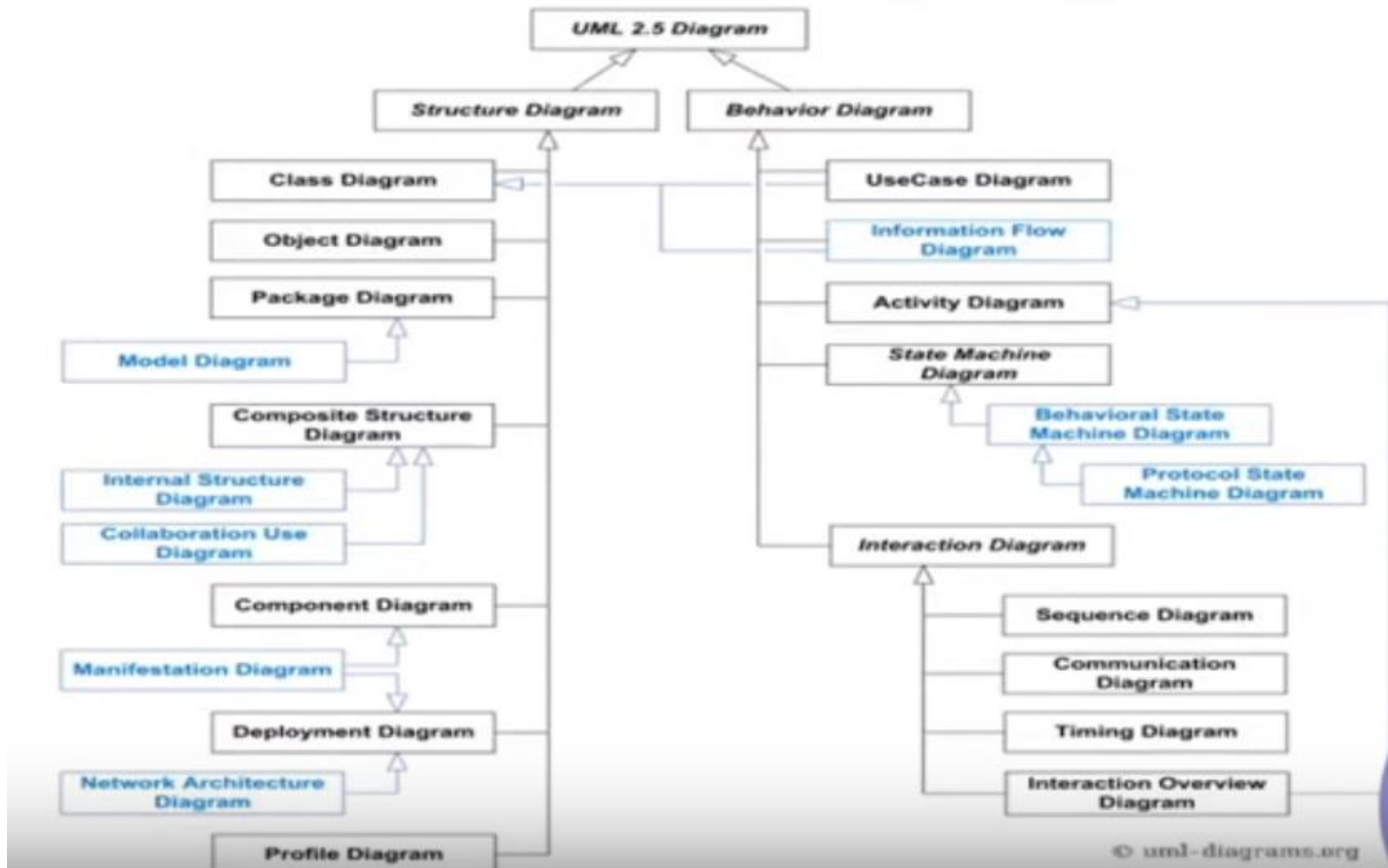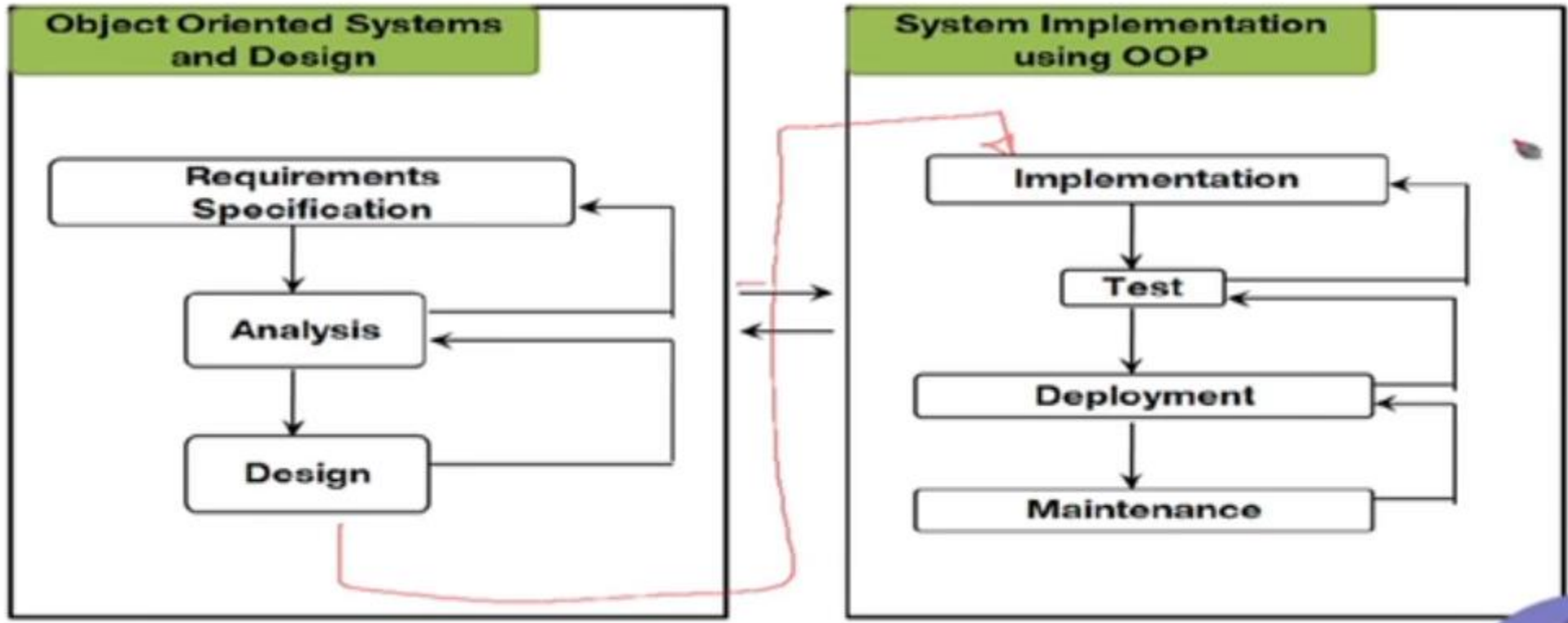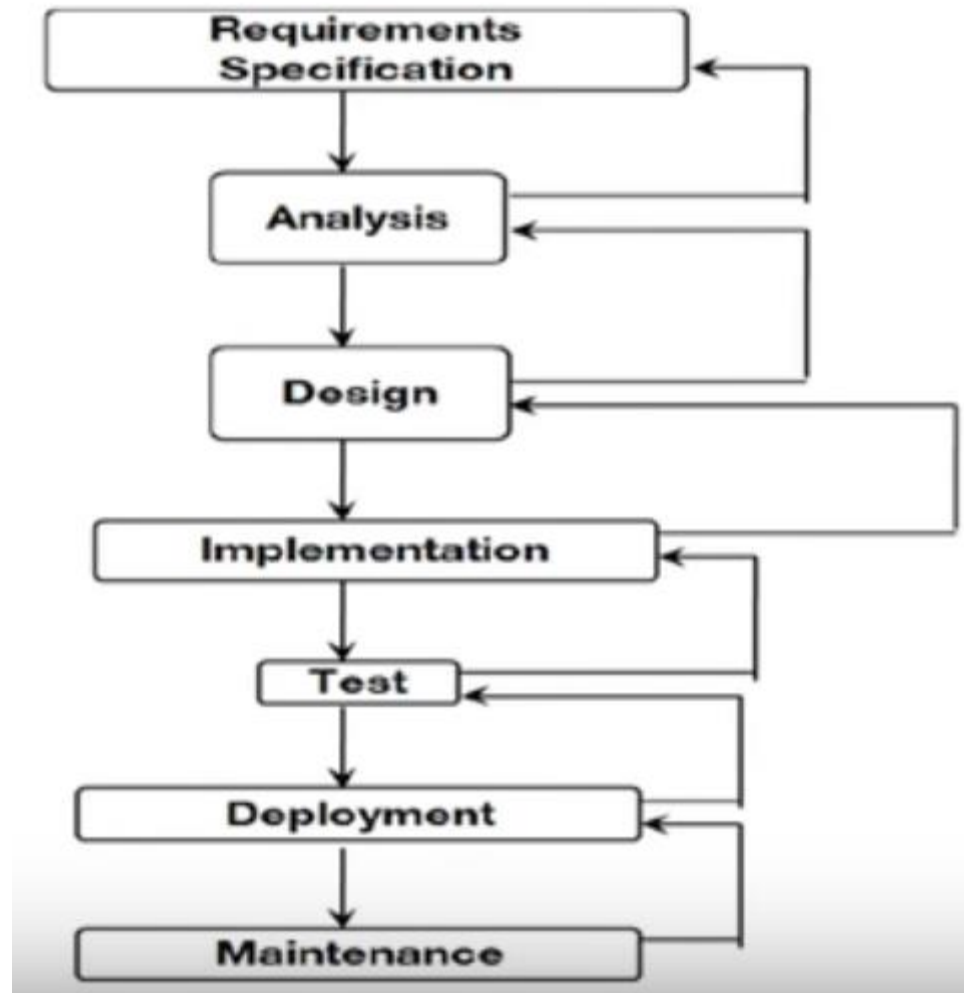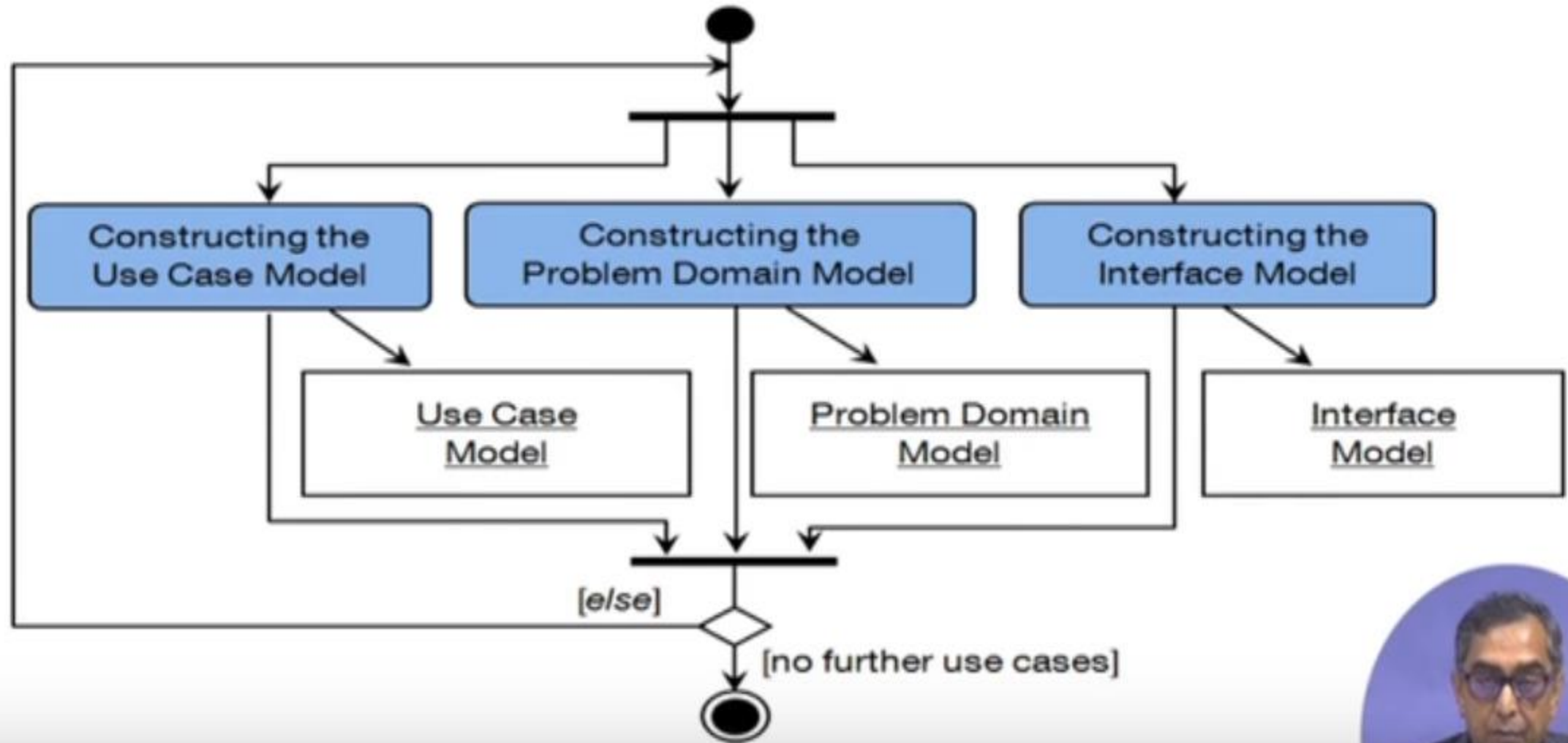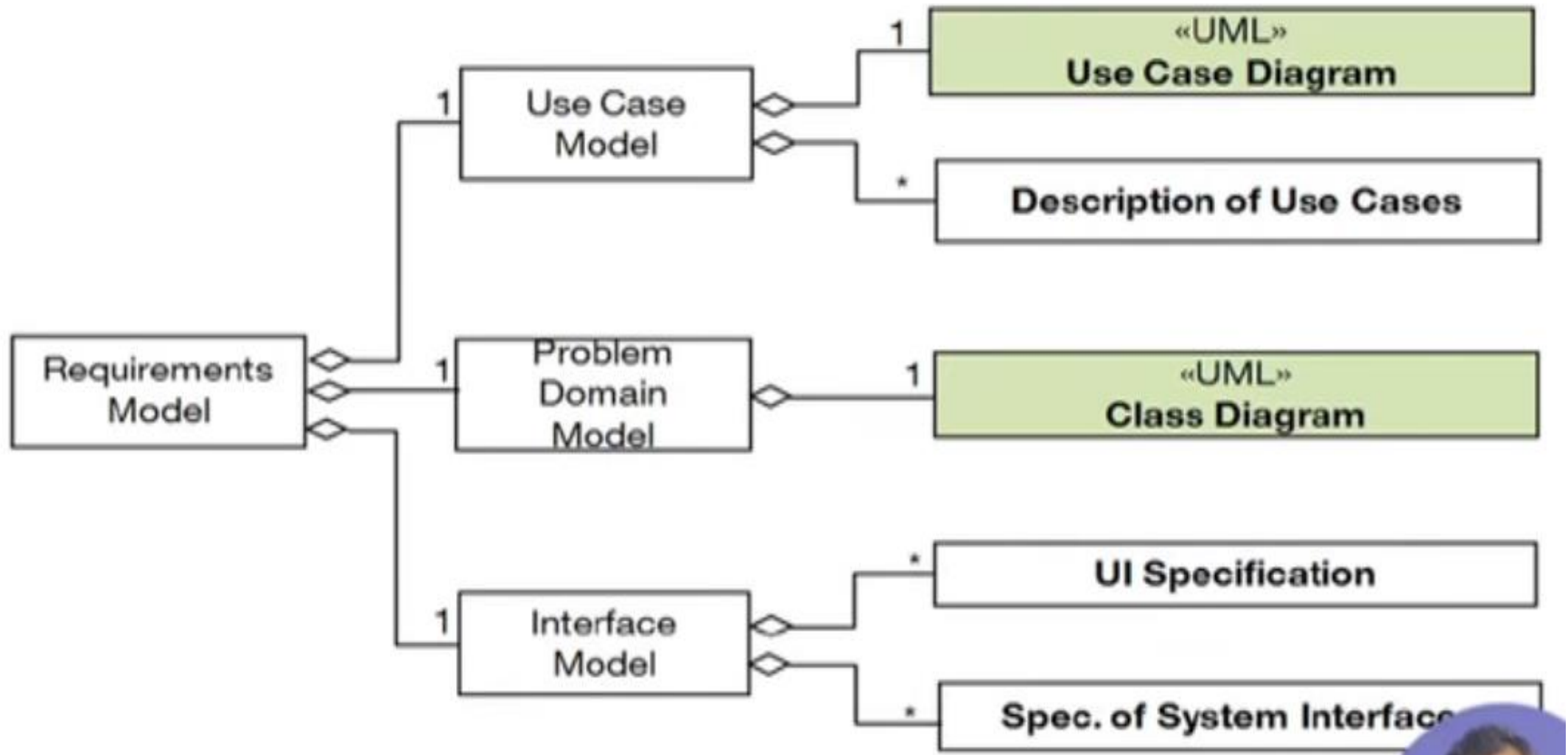# SDLC & UML Diagrams

UML 2.5
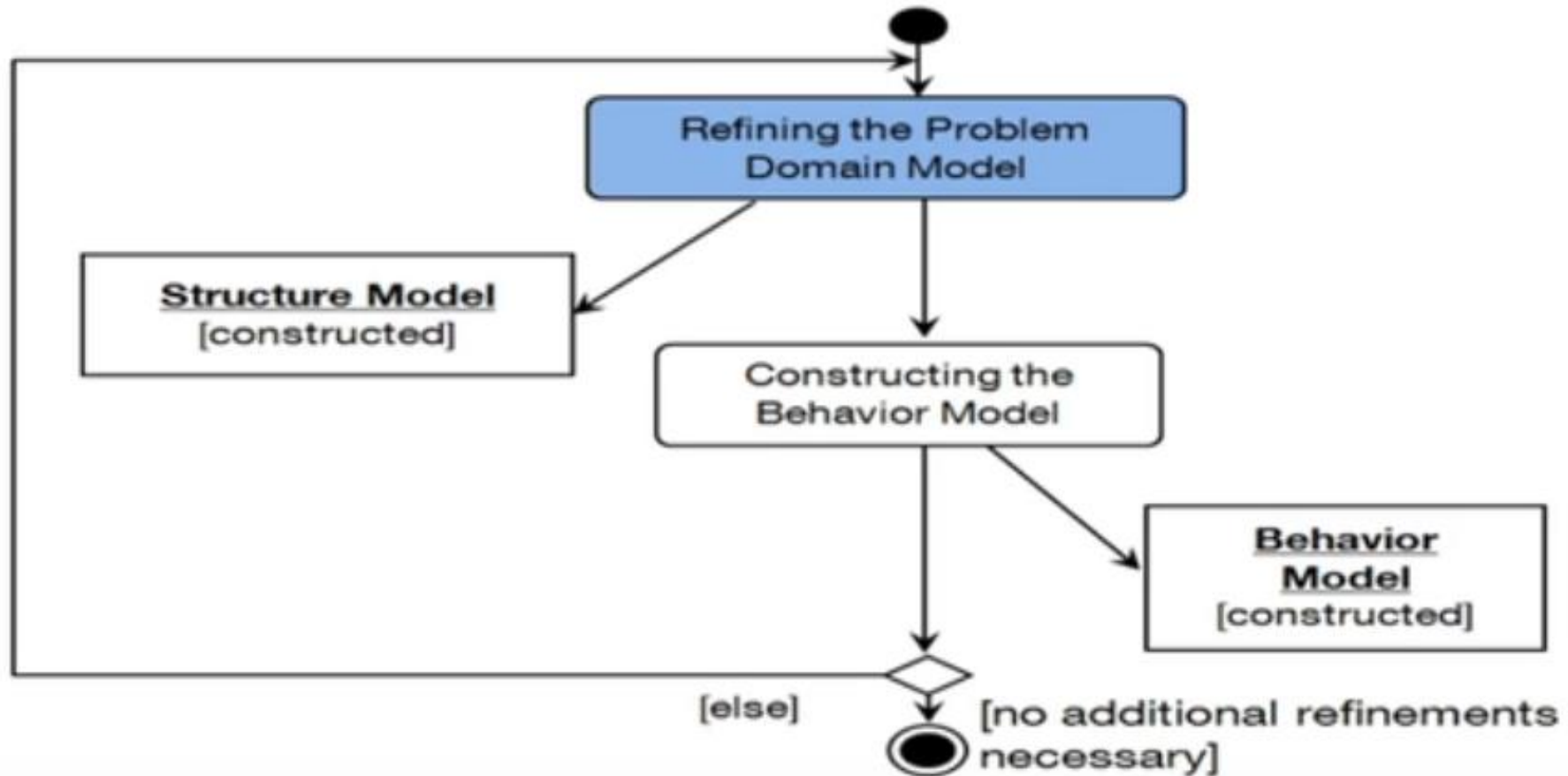
OOAD in SDLC

Phases of SDLC
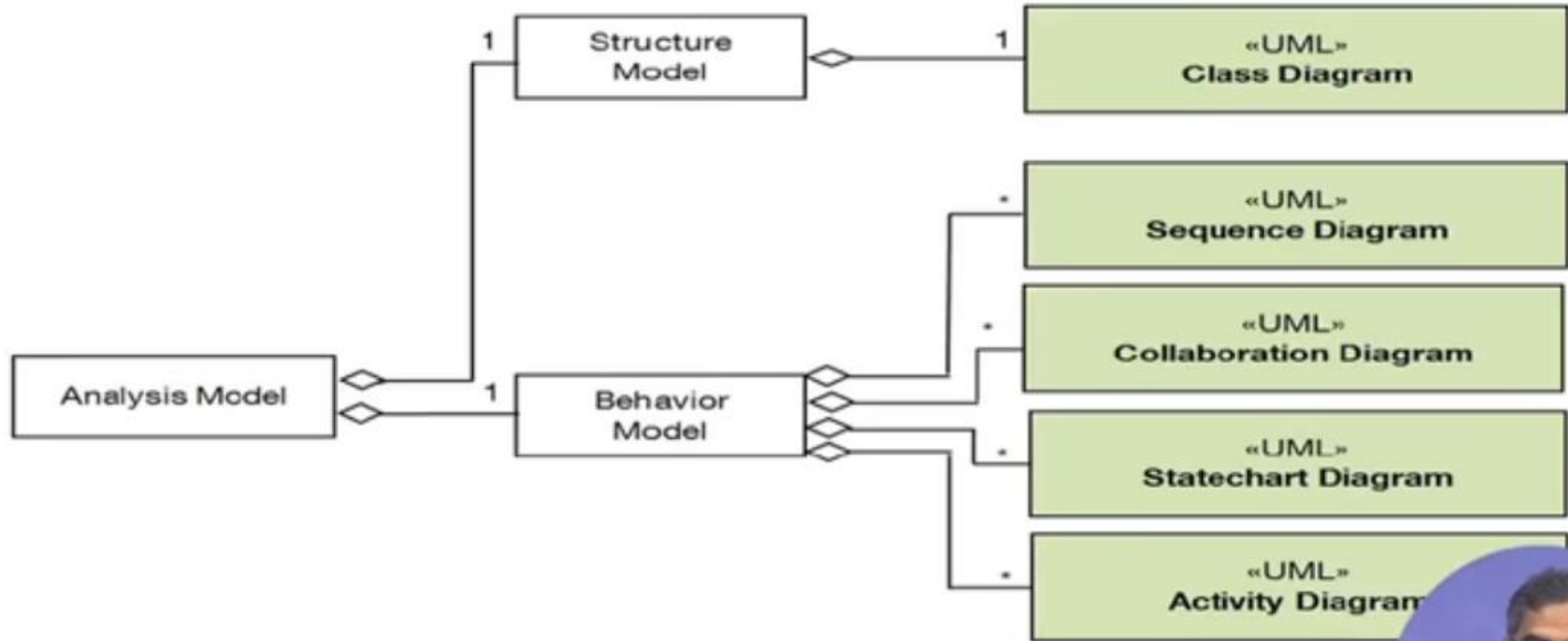
Models of Requirements Specification Phase

Output of Requirements Specification Phase
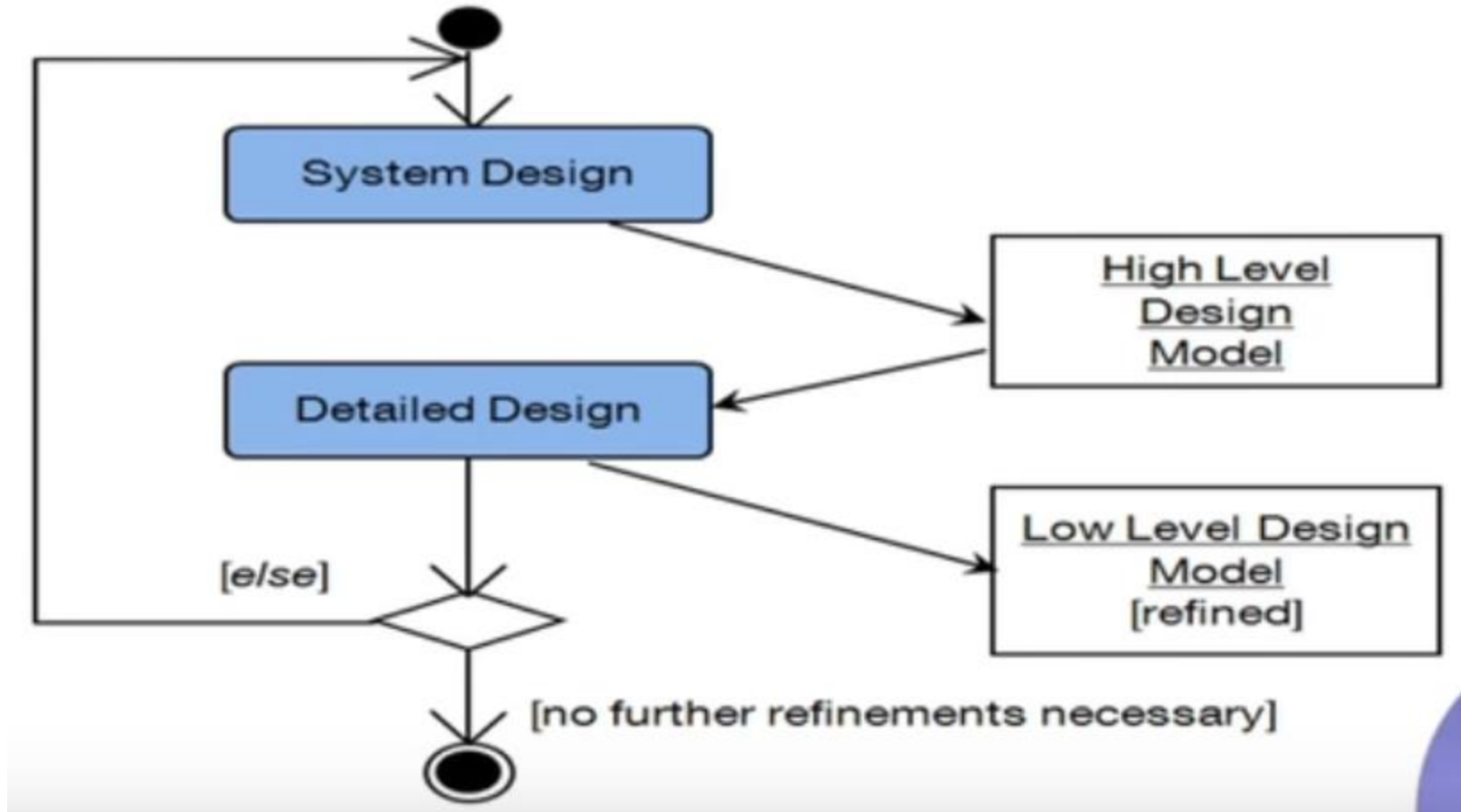
Models of Analysis Phase
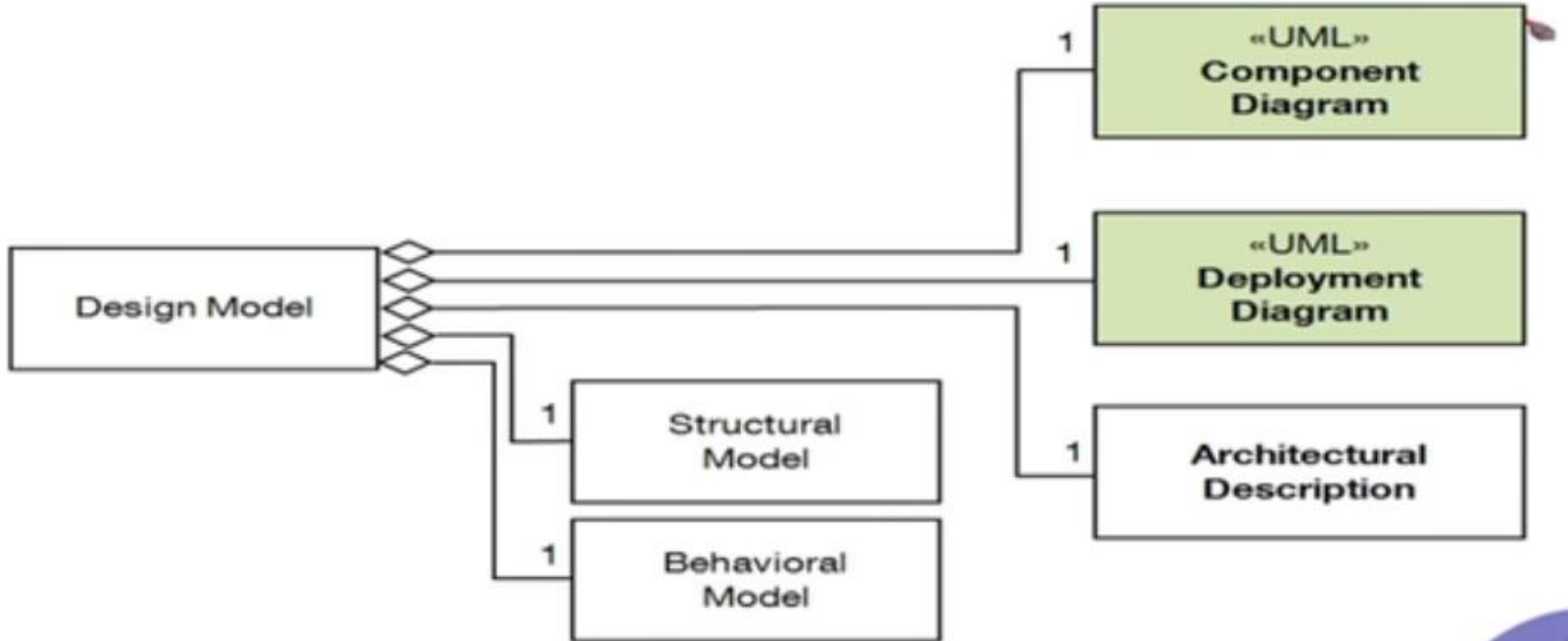
Output of Analysis Phase

Models of Design Phase

Output of Design Phase

Phases of System Implementation

- The other phases of SDLC
  - Implementation
  - Test
  - Deployment
  - Maintenance

  implement the models defined in earlier phases
- The Diagrams are used to implement the respective components in the implementation
- These are implemented using various OOP languages, and some models continue to be used

Summary

- SDLC phases are understood for the development process
- Role of various UML diagram in different phases are discussed

Reference

- OOAD- NPTEL Course by Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay, Prof. Kausik Datta, IIT Kharagpur

- https://nptel.ac.in/courses/106105153