

Computer 1st Year

New Syllabus 2026

Chapter: 01

Introduction to Software Development

Topic Name:

Design Phase

Design Phase Of Software Development

- The design phase is about planning how the software will look and work.
- It is like drawing a plan before building a house.
- This phase helps in making the software clear, easy to use, and well-organized.

Main Activities in the Design Phase:

- **1. Create Diagrams**
- We draw diagrams to show how different parts of the software will connect and work together.
- **Example:** We can draw a **flowchart** to show the steps the program will follow to complete a task

Design Phase Of Software Development

- The design phase is the stage of software development in which we plan how the software will look and work.
- It helps make the software clear, easy to use, and well-organized.

2. Develop Models

- We create models of the software's structure.
- These models include mockups that show how the software will look and how users will use it.
- **Mockup:** A mockup is a visual model or sample of the software that shows how the interface will look and feel.

3. Plan the Structure

- We decide the overall structure of the software.
- This includes how different parts will work together.
- This helps the software work smoothly.

4. Set Design Specifications

- We clearly define what each part of the software must do.
- This makes sure that all features are included and nothing important is missed.

Allah Hafiz

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