

# SEPM Lab 6

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## FAQ

- 1) Give the significance of Gantt chart for S/W project management.
  - It helps project managers to plan, check & manage various tasks involved in a project.
  - It helps to manage the project timeline by breaking down the project into manageable tasks & timelines.
  - It helps project managers to manage resources of a project effectively.
- 2 Explain different phases of SDLC for s/w project management.
  - i) Planning :- Involves identifying goals & objectives of the project & defining the scope of project & create a plan.
  - ii) Requirement gathering and analysis :- In this phase the project stakeholders & team work together to gather & analyze requirements (functional & Non-functional) for s/w. This includes identifying need of end user, understanding the business process that software will support.
  - iii) Design :- This phase includes creating architectural, interface & database designs.
  - iv) Implementation :- Includes actual coding & implementation
  - v) Testing :- Includes testing of software to ensure that it meets the functional & non-functional requirements.
  - vi) Deployment :- It involves the installation & deployment of s/w to product environment.
  - vii) Maintenance :- Involves monitoring software for defects, fixing issues & making updates.

### 3 State advantages & disadvantages of Gantt chart.

#### → Advantages:-

- Easy to read & understand, for people not familiar with project management terminology.
- Helps in planning & scheduling the project by breaking it into smaller tasks & assigning them to team members.
- Facilitates communication among team members & clients.

#### Disadvantages:-

- Takes significant amount of time to create the chart
- Can be too detailed, which may overwhelm team members.
- Not very flexible & may not accommodate changes in project schedule.

#### 4) Comment on the statement.

'Gantt chart is a commonly used graphical depiction of project schedule.'

→ I agree with the statement that a gantt chart is a commonly used graphical depiction of project schedule.

The reason why gantt chart is so popular is because they are easy to understand & can be used by people who are not familiar with project management terminology. It also provides clear visual representation of project schedule, & helps project management team & members to complete tasks when they are due.

Ansh