

### Experiment - 8

Aim:- Create a project & schedule Gantt chart  
Software Req.:- MS Project Planner 365

Theory:-

Gantt Chart - It is a bar chart that provides a visual view of project tasks scheduled over time. A Gantt chart is used for project planning as a useful way of presenting the work scheduled on specific days.

Gantt chart shows the following:-

- 1) The start & end date of a schedule in a project.
- 2) The team member assigned to a specific task.
- 3) The precedence of tasks
- 4) Milestones after set of particular tasks

Benefits of using a Gantt chart are as follows

- 1) Improved communication between the team members
- 2) It avoids resource overload.
- 3) Measures progress of project
- 4) Checks for overlapping activities & tasks
- 5) Keeps project plan transparent.

Example of Gantt chart softwares: MS Project Planner 365, Intra Gantt, ePlans, Tom's plan etc



Gantt chart for ticket booking system.

i) The Gantt chart consists of two major phases:-

Preddevelopment or inception phase & development phase.

a) Preddevelopment phase :-

i) In the preddevelopment phase, there are tasks, designing database schema, drawing the DFDs, the activity state diagram.

The team members are ~~the~~ Chinag, Jenil, Isha, Muskan.

This phase can take 6-7 days approx.

III) Development phase: This phase includes frontend and backend development

i) The frontend tasks include dashboard, Add Expense, Change Password & Logout

ii) This page is going to take the longest time as per estimations

iii) The backend tasks include coding the database model classes, configuring the URLs & coding the user.

iv) This process is going to take same amt of time as the inception phase.

v) Project can take 15-20 days for completion.

Conclusion :- This understood. Project plan using Gantt chart



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