

EXPERIMENT NO. 07

AIM: Use project management tool to prepare schedule for the project.

Tools : Gantt chart, PERT

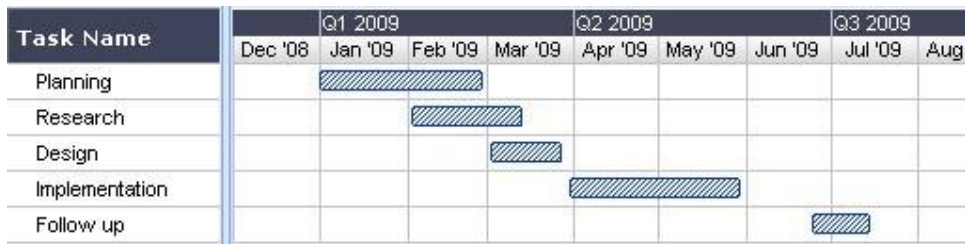
Theory: The main aim of PROJECT SCHEDULING AND TRACKING is to get the project completed on time. Program evaluation and review technique (PERT) and Gantt chart are two project scheduling methods that can be applied to software development

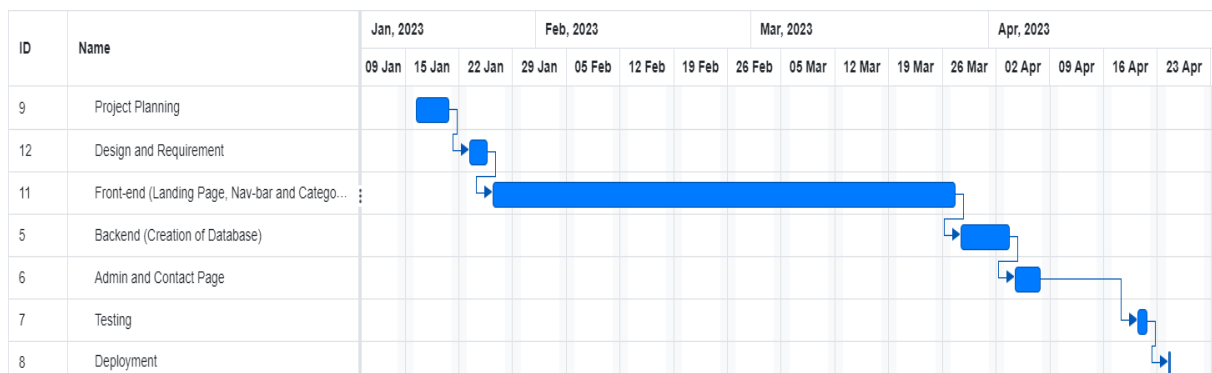
Split the project into tasks and estimate time and resources required to complete each task. Organize tasks concurrently to make optimal use of workforce. Minimize task dependencies to avoid delays caused by one task waiting for another to complete

Gantt chart:

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity. This allows you to see at a glance:

- What the various activities are
- When each activity begins and ends
- How long each activity is scheduled to last
- Where activities overlap with other activities, and by how much
- The start and end date of the whole project





Gantt Chart for Footwear Inventory Management System

Result and Discussion:

In this experiment we learn about the Gantt chart as we know a Gantt chart provides a visual representation of the project schedule, tasks, and milestones. It allows project managers to track progress, identify dependencies and critical paths, and make adjustments to the project timeline as needed.

Learning Outcomes: The student should have the ability to:

LO 1: Identify the importance of Gantt chart .

LO 2: Draw Gantt chart diagrams for our project.

Course Outcomes: Upon completion of the course students will be able to understand and demonstrate Gantt chart diagrams.

Conclusion:

In conclusion, the Gantt chart is a useful tool for project management as it provides a comprehensive overview of the project schedule, tasks, and milestones. It helps project managers to monitor progress, identify dependencies, and optimize resource utilization, which ultimately helps to ensure the successful completion of the project within the defined timeline and budget.

For Faculty Use:

Correction Parameters	Formative Assessment [40%]	Timely completion of Practical [40%]	Attendance / Learning Attitude [20 %]	
Marks Obtained				