



BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)
MASTER OF COMPUTER APPLICATIONS

Class: F.Y.MCA **Semester: I AY2425**
Subject In charge: Nikhita Mangaonkar

Subject: Software Engineering
Course Code: MC503

ROLL NO: 2024510001

BATCH: A

NAME: ATHARVA VASANT ANGRE

EXPERIMENT NO: 06

EXPERIMENT TITLE: Create Work breakdown Structure and Plan Gantt Chart

Objective:

- 1) To Establish the Project Start or Finish Date.
- 2) To analyze Task and sub task for give task.
- 3) To add task and sub task durations.
- 4) To add Resources and allocate the task.
- 5) To develop Gantt chart for given case Study.
- 6) To develop pert/CPM chart for given case study.

STEP 1 : First ADD the task and Sub task and set duration of each click ok.

The screenshot displays the GanttProject application window. The title bar reads "GanttProject [Untitled Project 1_2024510001.gan] *". The menu bar includes Project, Edit, View, Tasks, Resources, and Help. The toolbar contains icons for file operations, task management, and search. On the left, a task list shows tasks such as "obtain req.", "analyze operation", "Define Subsystem", "Develop DB", "Make Decision A...", "Identify Constrai...", "Build Module 1", "Build Module 2", "Build Module 3", "Write Report", "Integration and ...", and "Implementation". The "Define Subsystem" task is selected. A "Properties for Define Subsystem" dialog box is open, showing the "General" tab. It contains a table with columns: ID, Task name, Type, Delay, and Link hardness. The table has one row with ID 0, Task name "obtain req.", Type "Finish-Start", Delay 0, and Link hardness "Strong". The dialog also has "Add" and "Delete" buttons. In the background, a Gantt chart is visible, showing a timeline for December 2024 with task bars.



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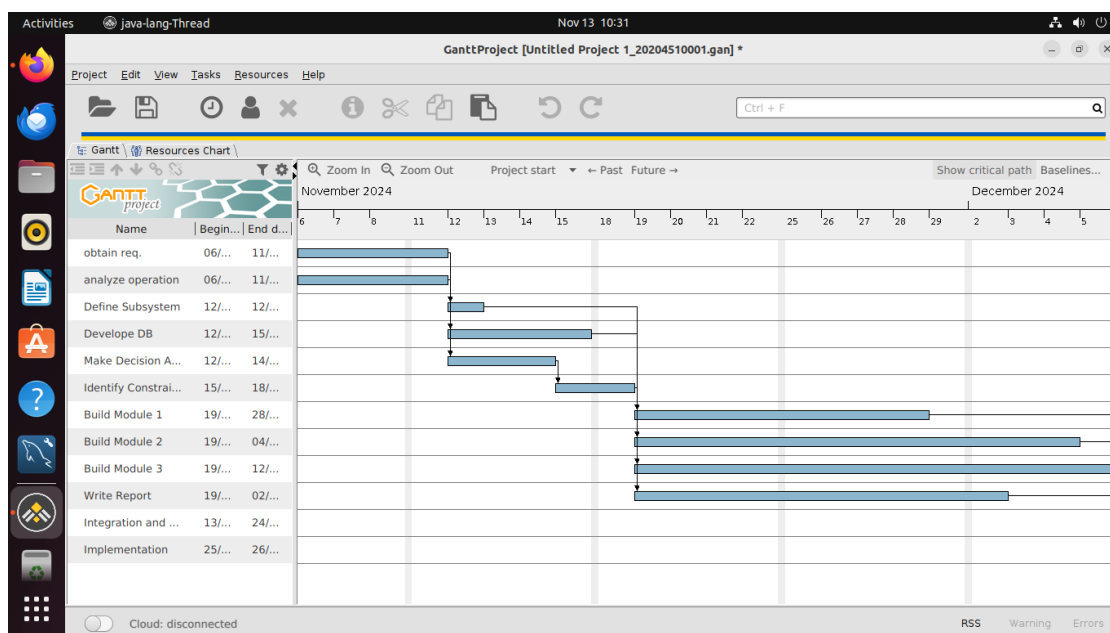
STEP 2: Assign resources to each of the task

The screenshot shows the GanttProject interface with the 'Properties for Build Module 1' dialog box open. The 'Resources' tab is active, displaying a table of resources assigned to the task.

ID	Resource Name	Unit	Coordinator	Role
0	Atharva Angre	100.0	<input checked="" type="checkbox"/>	Team Lead
2	Mansi Bhaleao	100.0	<input type="checkbox"/>	Database Admin...
5	Gauri Dhongde	100.0	<input type="checkbox"/>	Developer
6	Om Bhanushali	100.0	<input type="checkbox"/>	Developer

The task cost is calculated as 0.0. The background shows a Gantt chart with various tasks and their durations.

STEP 3: This is the Gantt Chart.





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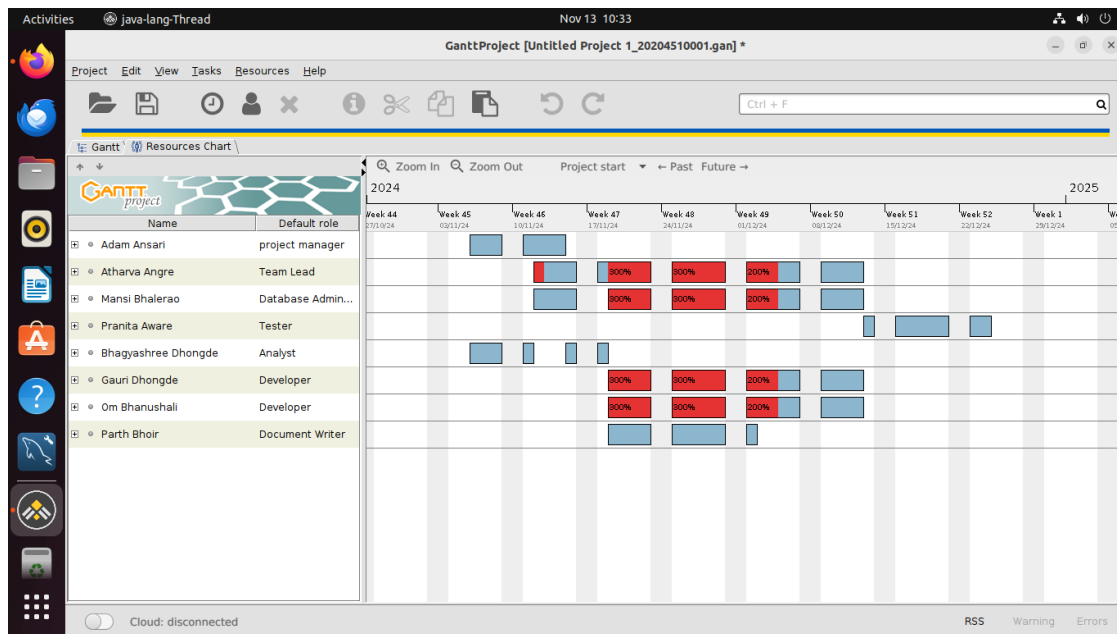
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STEP 4 : This is the Resource chart.



STEP 3: This is the Pert chart.

