

Aim: To Study Project Scheduling using Gantt Chart in ClickUp

Theory:

Project Scheduling

A project schedule is a structured timeline that outlines tasks, milestones, deadlines, and resources required for project completion. It helps project managers plan and organize activities, allocate resources efficiently, set realistic timelines, and track progress. A welldefined project schedule ensures that:

- Tasks are completed on time.
- Resources are managed effectively.
- Team coordination is improved.
- Potential delays or issues are identified early, allowing for timely adjustments.

Gantt Chart

A Gantt chart is a widely used project management tool that visually represents a project schedule. It displays tasks or activities along a timeline, making it easier to track progress.

- The **left side** of the chart lists project activities.
- The **top side** represents the timeline.
- Each task is shown as a horizontal bar, where the **position and length** of the bar indicate the task's **start date, duration, and end date**.

Project Scheduling in IT Development (Demo in ClickUp)

For our project, we implemented **project scheduling** in an **IT development context** as a demonstration. Using **ClickUp**, we created a basic task schedule to understand how project management tools work. This helped us grasp:

- Task dependencies and workflow organization.
- How to track progress effectively.
- The importance of setting deadlines and milestones.

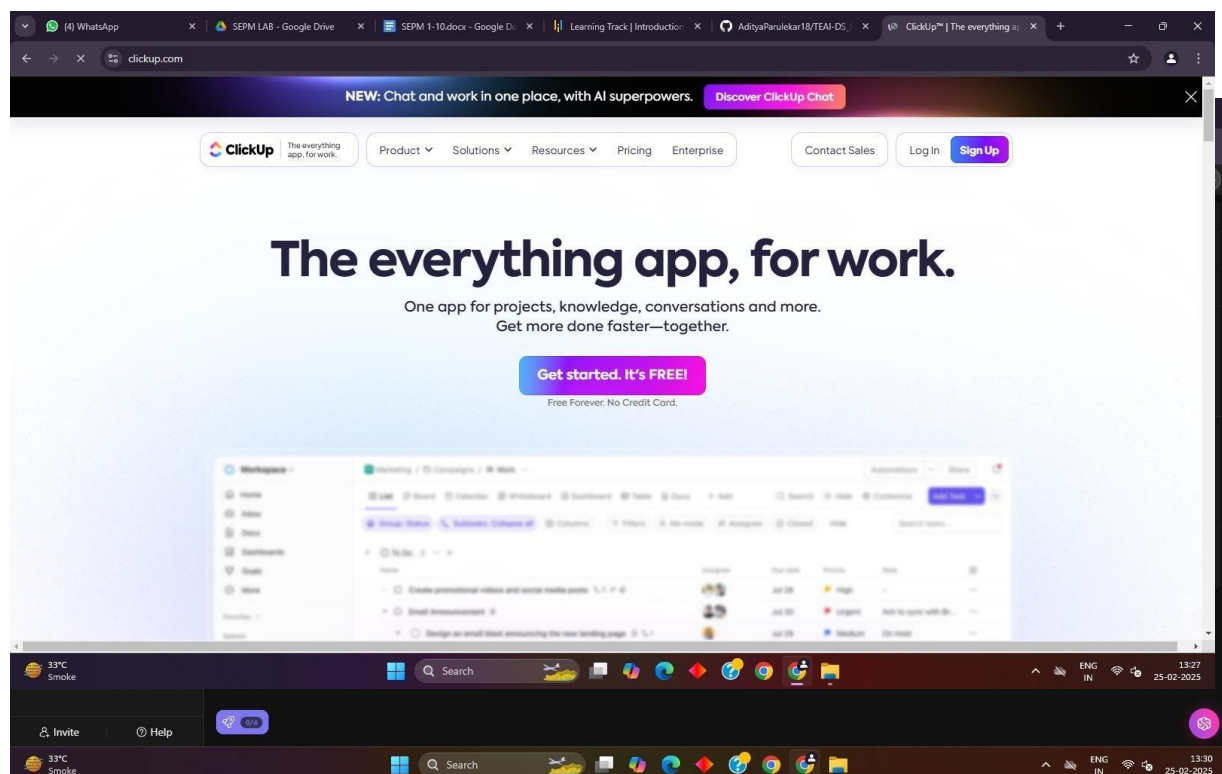
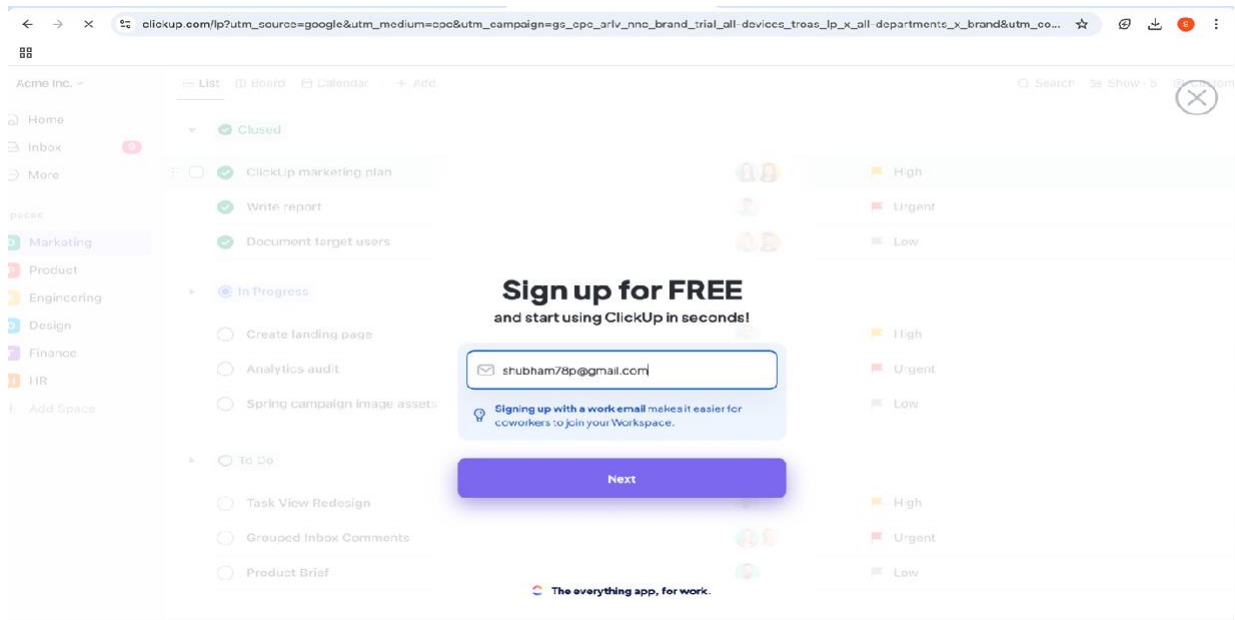
This exercise provided practical insights into project scheduling and how tools like **ClickUp** can enhance productivity in IT projects.

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SCREENSHOTS :-



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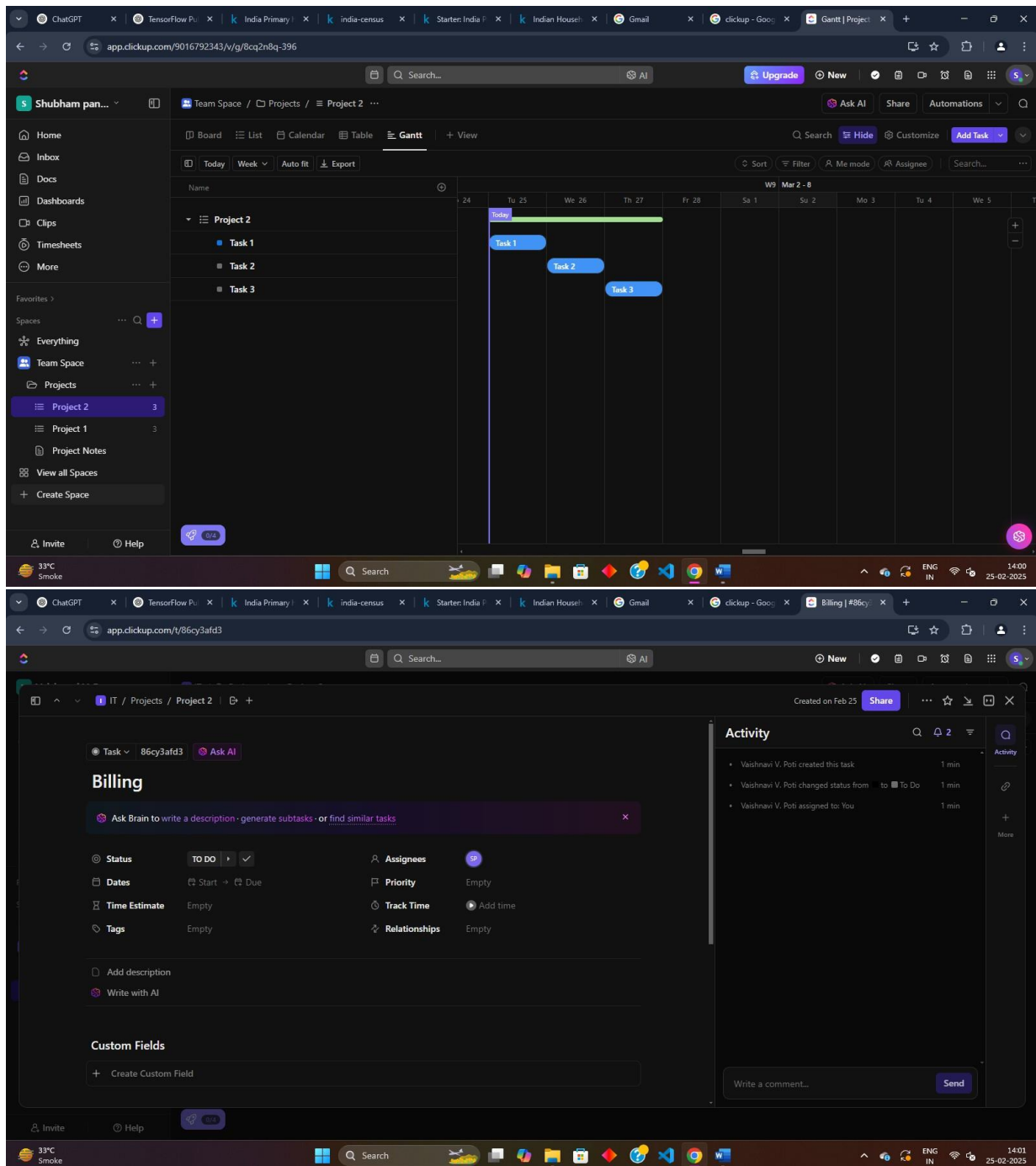
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The screenshot displays the ClickUp web application interface. On the left, a sidebar contains navigation links for Home, Inbox, Docs, Dashboards, Clips, Timesheets, and More. Below these are 'Favorites' and 'Spaces' sections. The main workspace shows 'Project 2' with a list view of tasks. 'Task 1' is marked as 'IN PROGRESS', while 'Task 2' and 'Task 3' are marked as 'TO DO'. A 'Getting started' modal is open, indicating 0% completion and listing four steps: 'Understand the ClickUp Hierarchy', 'Manage your work with tasks', 'Customize your views', and 'Collaborate with your team via Inbox'. The right sidebar shows the user profile 'shubham pandey' with options for status, notifications, profile, themes, settings, and keyboard shortcuts. The bottom of the image shows a Windows taskbar with various icons and system information.

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The image displays two screenshots of the ClickUp application interface, demonstrating project scheduling using Gantt charts.

Top Screenshot: Task Detail View

- Task Name:** Billing
- Status:** COMPLETE
- Activity Log:**
 - Vaishnavi V. Poti created this task (1 min)
 - Vaishnavi V. Poti changed status from To Do to Done (1 min)
 - Vaishnavi V. Poti assigned to: You (1 min)
- Properties:** Assignees (Empty), Priority (Empty), Track Time (Add time), Relationships (Empty), Time Estimate (Empty), Tags (Empty).

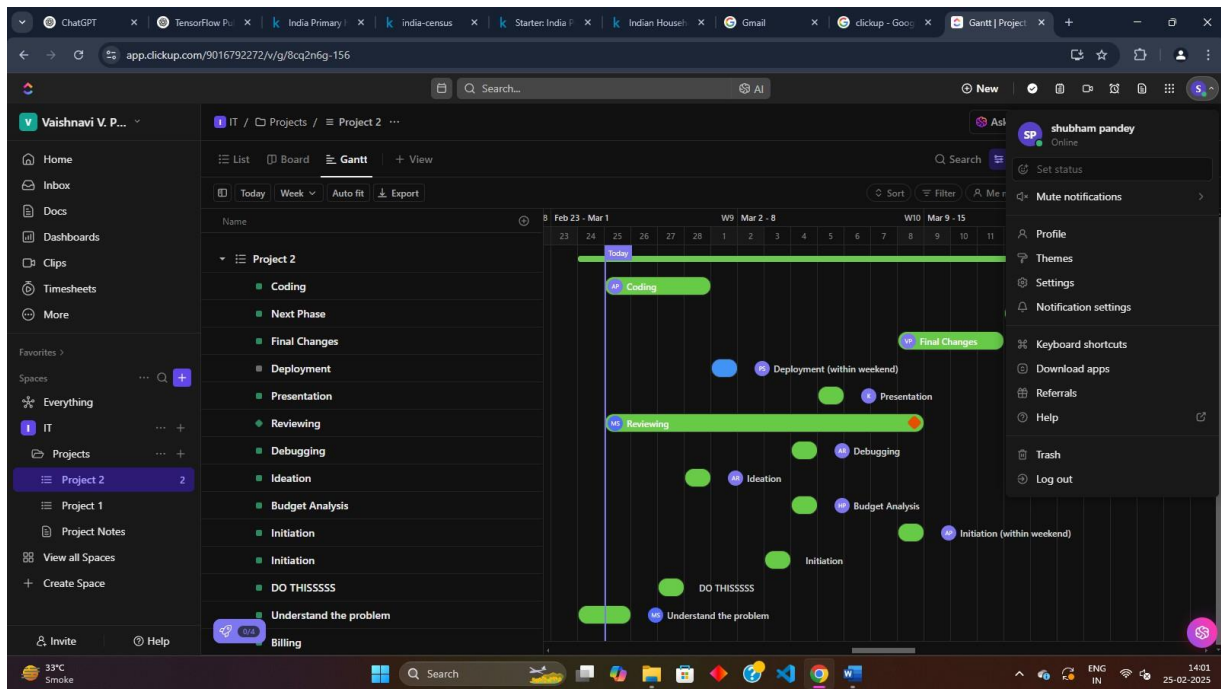
Bottom Screenshot: Gantt Chart View

- Project:** Project 2
- Timeline:** Feb 23 - Mar 1, W9 Mar 2 - 8, W10 Mar 9 - 15, W11 Mar 16 - 22
- Tasks and Scheduling:**
 - Coding:** Scheduled from Feb 23 to Feb 25.
 - Reviewing:** Scheduled from Feb 23 to Feb 27.
 - Deployment (within weekend):** Scheduled for Feb 24.
 - Initiation:** Scheduled for Feb 25.
 - DO THISSSSS:** Scheduled for Feb 26.
 - Understand the problem:** Scheduled for Feb 27.
 - Final Changes:** Scheduled for Mar 9.
 - Next Phase:** Scheduled for Mar 10.
 - Budget Analysis:** Scheduled for Mar 11.
 - Initiation (within weekend):** Scheduled for Mar 12.
 - Debugging:** Scheduled for Mar 13.
 - Presentation:** Scheduled for Mar 14.

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The image displays two screenshots of the ClickUp web application interface, showing project task management.

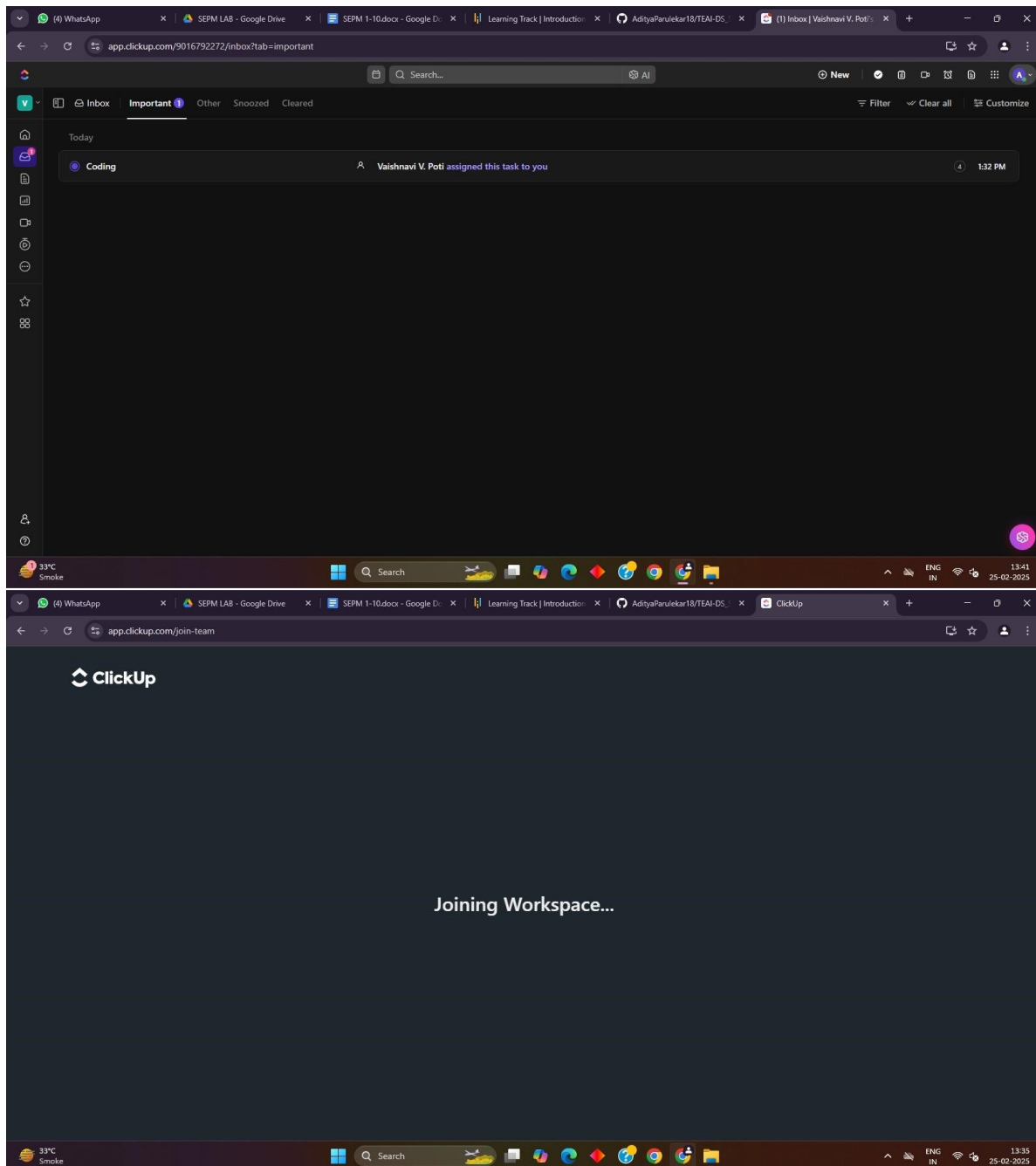
Top Screenshot: The interface shows a sidebar with navigation options (Home, Inbox, Docs, Dashboards, Clips, Timesheets, More) and a main workspace. The workspace is set to 'Everything' view. A task menu is open for 'Coding', showing options: 'NOT STARTED', 'TO DO', 'ACTIVE', 'IN PROGRESS', 'COMPLETE', and 'Send notifications'. The task list shows 'Coding' assigned to 'AP'.

Bottom Screenshot: The interface shows the same workspace. The task list under 'Project 2' is expanded, showing tasks: 'Coding' (assigned to 'AP'), 'Reviewing' (assigned to 'MS'), 'Deployment' (assigned to 'PS'), 'Final Changes' (assigned to 'VP'), and 'Presentation' (assigned to 'K'). The 'TO DO' section shows 'Task 2' and 'Task 3'.

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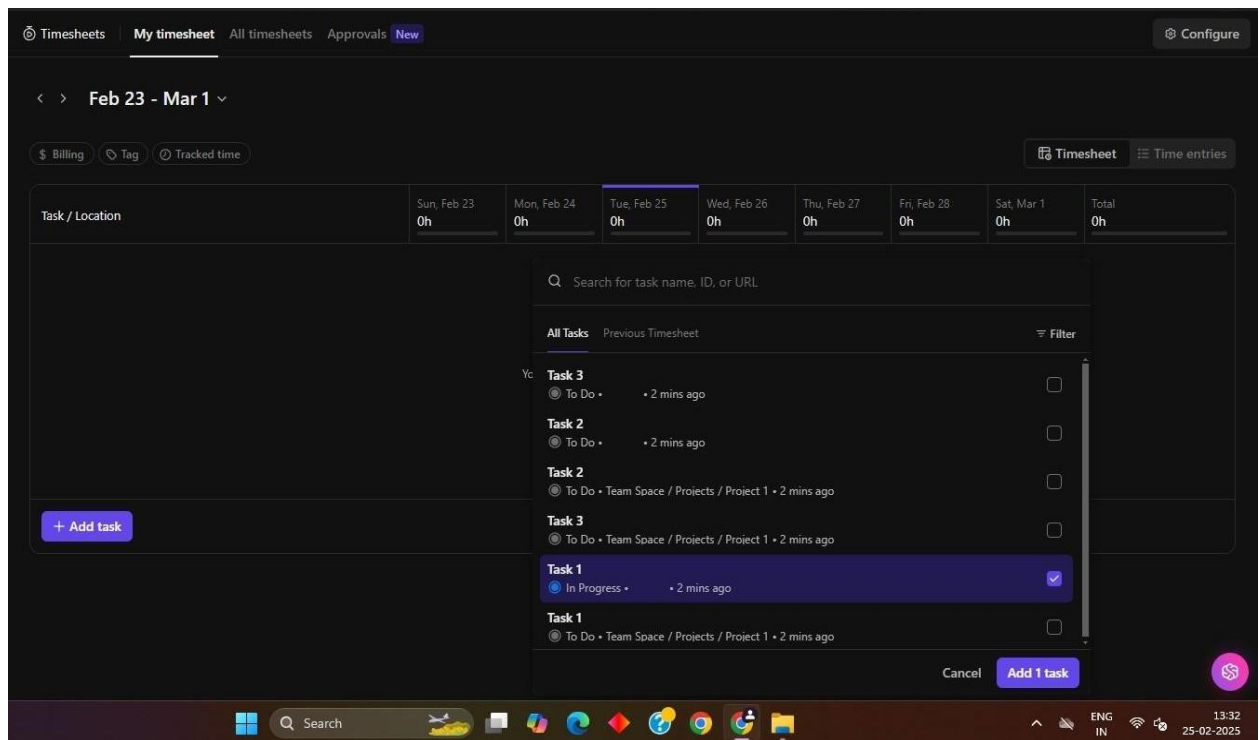
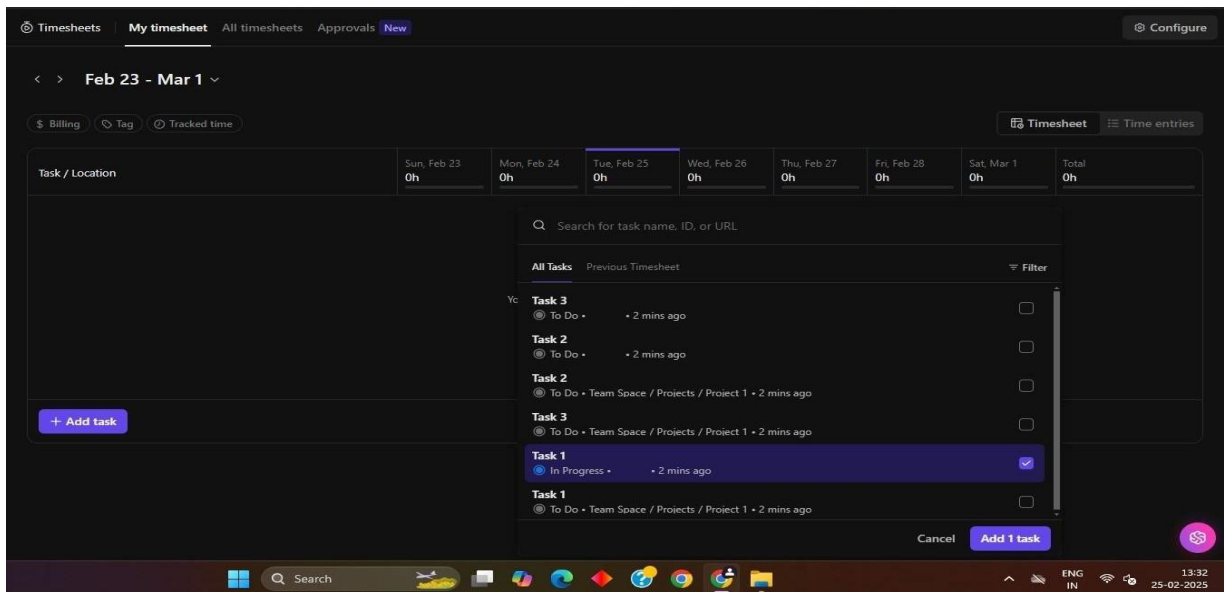
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GitHub Repo Link:- <https://github.com/shubhampandey78/SEPM-70-SHUBHAM/tree/main/EXP%2008>

Conclusion: Thus, we have successfully studied and implemented Project Scheduling using Gantt Chart in ClickUp.