

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 well-defined 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:-

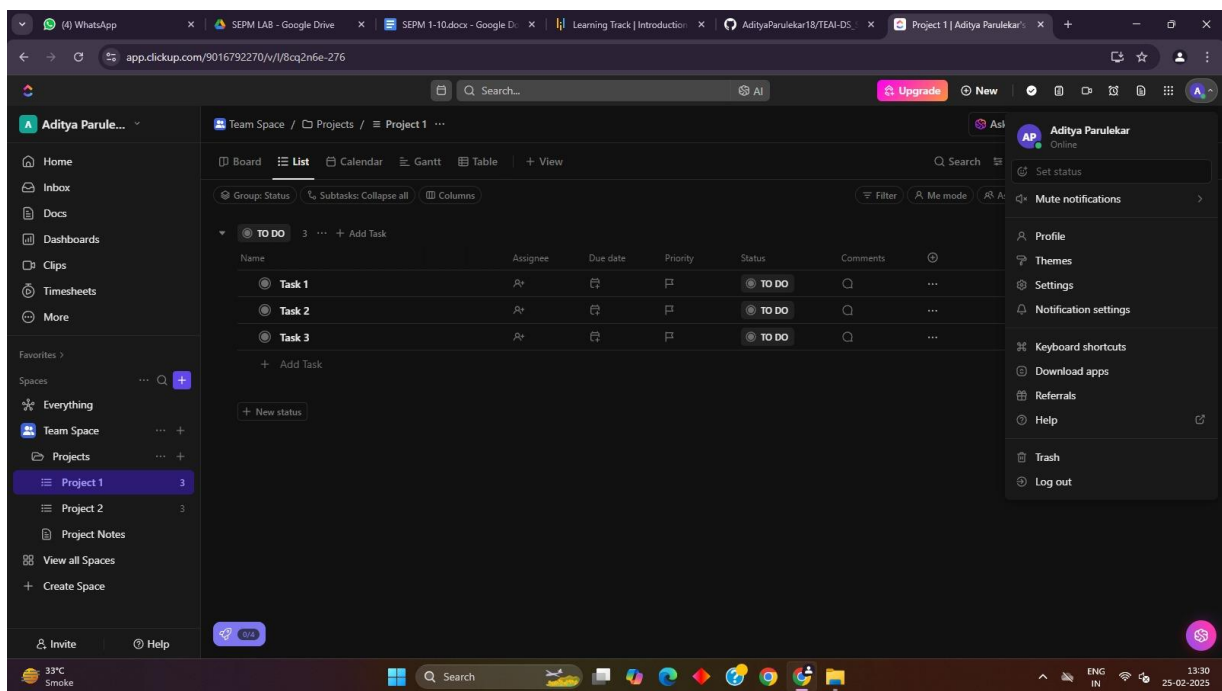
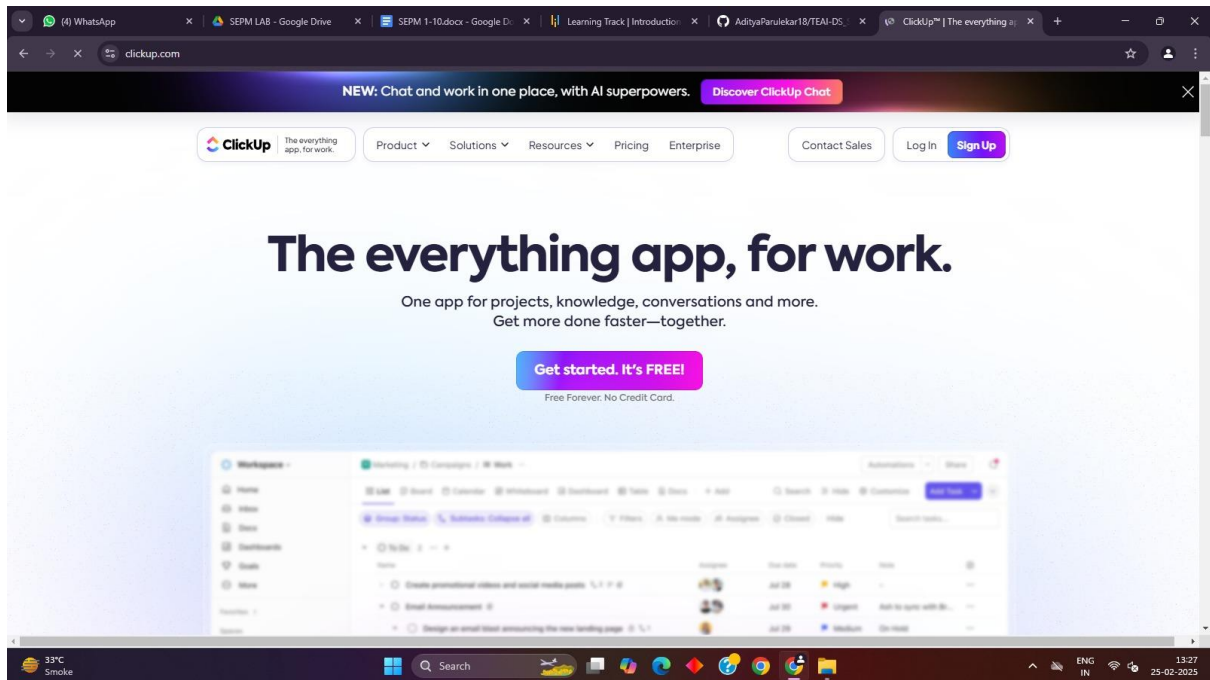
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The top screenshot shows the ClickUp sign-up page. The browser address bar displays 'app.clickup.com/signup'. The ClickUp logo and tagline 'The everything app for work.' are in the top left. A 'Login' button is in the top right. The main content area features a white sign-up form titled 'Seconds to sign up!'. The form includes a 'Continue with Google' button, an 'OR' separator, and input fields for 'Full Name' (Aditya Parulekar), 'Work Email' (adit1809pro@gmail.com), and 'Choose Password' (masked with dots). A 'Show' link is next to the password field. Below the form is a blue 'Play with ClickUp' button. A small text line reads 'By clicking the button above, you agree to our Terms of Service and Privacy Policy.' with a 'Help' link. The background is a purple and pink abstract graphic. The bottom screenshot shows the ClickUp dashboard. The browser address bar displays 'clickup.com'. The left sidebar shows a navigation menu with 'Home', 'Inbox', 'More', and 'Spaces'. The 'Marketing' space is selected, showing a list of tasks: 'ClickUp marketing plan', 'Write report', 'Document target users', 'Create landing page', 'Analytics audit', 'Spring campaign image assets', 'Task View Redesign', 'Grouped Inbox Comments', and 'Product Brief'. A 'Sign up for FREE' overlay is centered, with the text 'and start using ClickUp in seconds!'. It includes an email input field with 'adit1809pro@gmail.com', a note 'Signing up with a work email makes it easier for coworkers to join your Workspace.', and a blue 'Next' button. The background is a light gray grid.

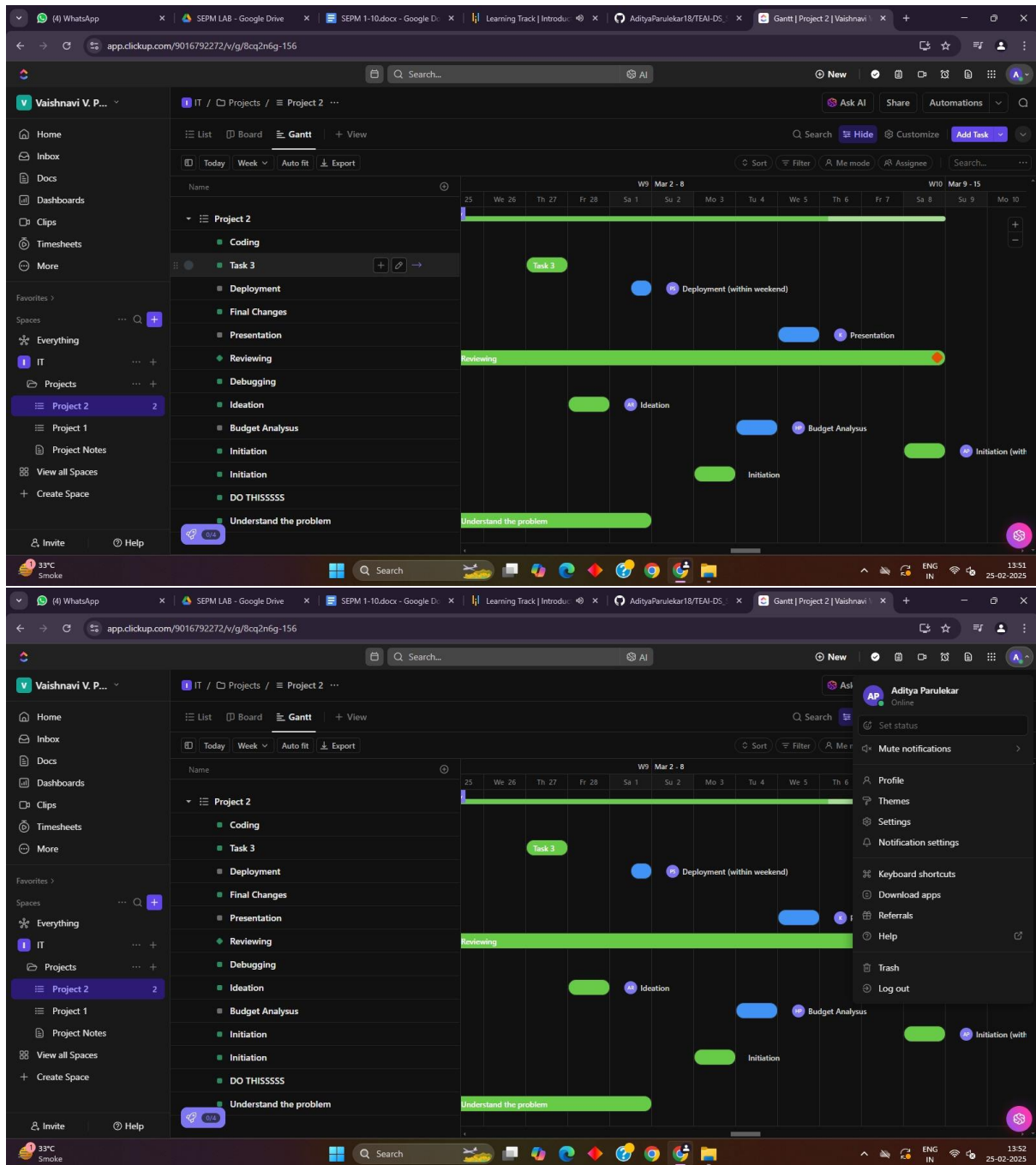
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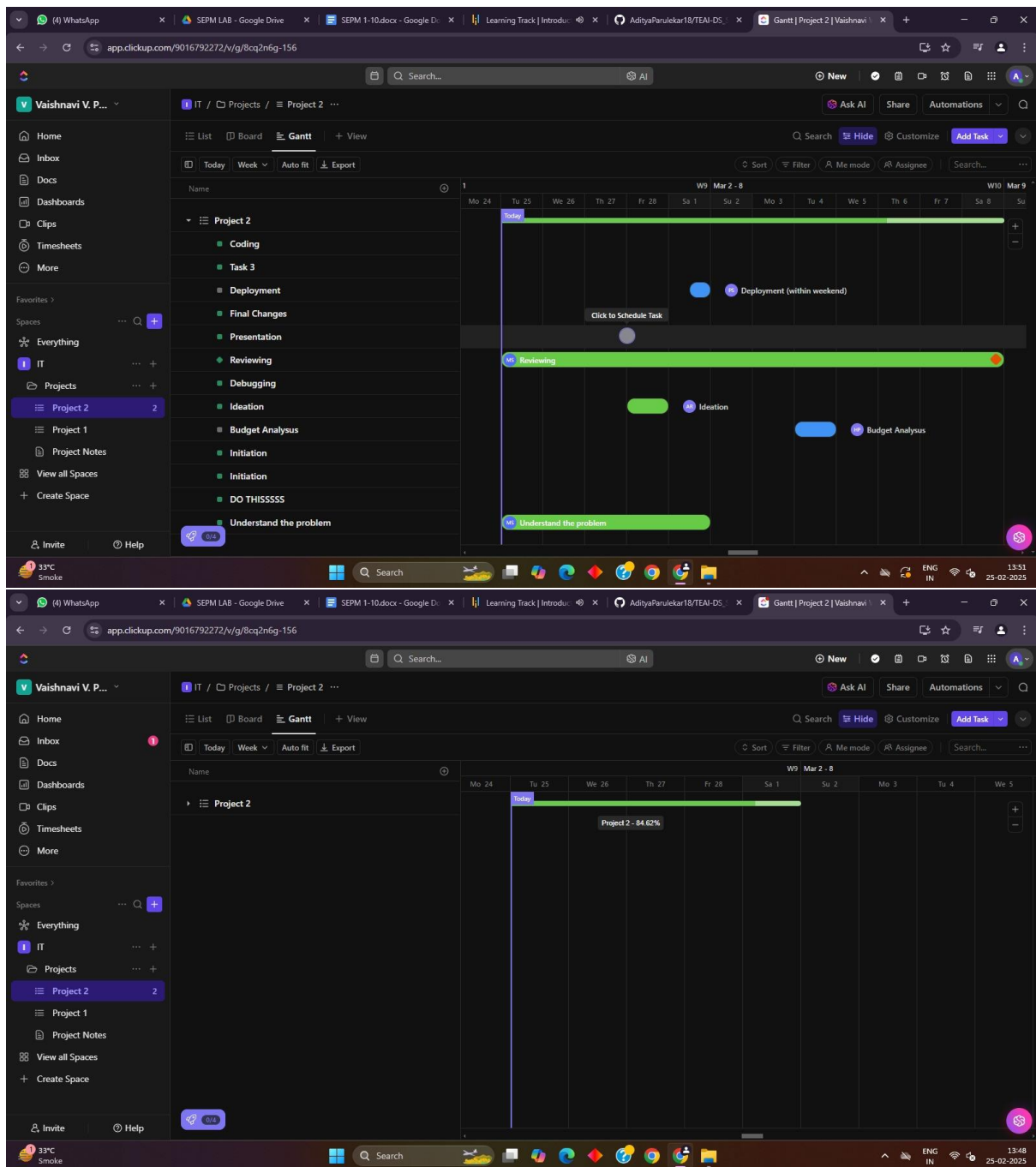
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The image displays two screenshots of the ClickUp application interface, demonstrating project scheduling using Gantt charts.

Top Screenshot: Shows the 'Task' creation modal for 'Project 2'. The task title is 'Understand the problem'. The modal includes fields for 'Add description', 'Write with AI', 'TO DO', 'Tomorrow', 'Priority', 'Tags', and 'Custom Fields'. A 'Create Task' button is visible at the bottom right.

Bottom Screenshot: Shows the 'Task' details for 'Coding' (Task ID: 86cy3a38m). The task status is 'COMPLETE'. The 'Activity' section shows a log of actions: 'Vaishnavi V. Poti' did 'do this!' 12 mins ago, and 'Aditya Parulekar' responded 'done sir!'. The 'Comment' section is also visible at the bottom.

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The top screenshot shows a task named "Coding" in the ClickUp application. The task is marked as "COMPLETE". The status bar shows "Status: COMPLETE", "Dates: Start to Due", "Time Estimate: 1m", "Tags: Empty", "Assignees: Empty", "Priority: Empty", "Track Time: 0:00:30", and "Relationships: Empty". The task description is "Ask Brain to write a description - generate subtasks - find similar tasks - or ask about this task". The "Custom Fields" section is empty. The "Activity" panel on the right shows a comment from "Vaishnavi V. Poti" saying "do this!" and a status change from "In Progress" to "Complete".

The bottom screenshot shows a project named "Project 2" in the ClickUp application. The project is in the "IN PROGRESS" status. The task list includes:

Name	Assignee	Due date	Priority
Reviewing	MS		
Final Changes	VP		
Presentation	K		
Debugging	P+		
Ideation	AR		
Budget Analysis	HP		

Below the "IN PROGRESS" section, there is a "TO DO" section with two tasks:

Name	Assignee	Due date	Priority
Task 2	P+		
Task 3	P+		

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The image displays two screenshots of the ClickUp web application interface, demonstrating project management capabilities.

Top Screenshot: Shows the 'Board' view for a space named 'IT'. The board is organized into columns representing task status: 'TO DO' (4 tasks), 'IN PROGRESS' (7 tasks), and 'COMPLETE' (2 tasks). Tasks are represented as cards with labels like 'Task 1', 'Task 2', 'Task 3', 'Coding', 'Deployment', 'Reviewing', 'Final Changes', 'Presentation', 'Debugging', 'Ideation', and 'Budget Analysis'. The left sidebar shows navigation options like Home, Inbox, Docs, Dashboards, Clips, Timesheets, and Spaces. The bottom status bar shows the user's name 'Vaishnavi V. P...' and the current date '25-02-2025'.

Bottom Screenshot: Shows the 'List' view for the same 'IT' space. The tasks are displayed in a table format, grouped by status. The 'IN PROGRESS' group contains four tasks: 'Reviewing', 'Deployment', 'Final Changes', and 'Presentation', each assigned to a user (MS, PS, VP, K) with a due date and priority. The 'TO DO' group contains two tasks: 'Task 2' and 'Task 3', also with assigned users and due dates. The left sidebar and bottom status bar are consistent with the top screenshot.

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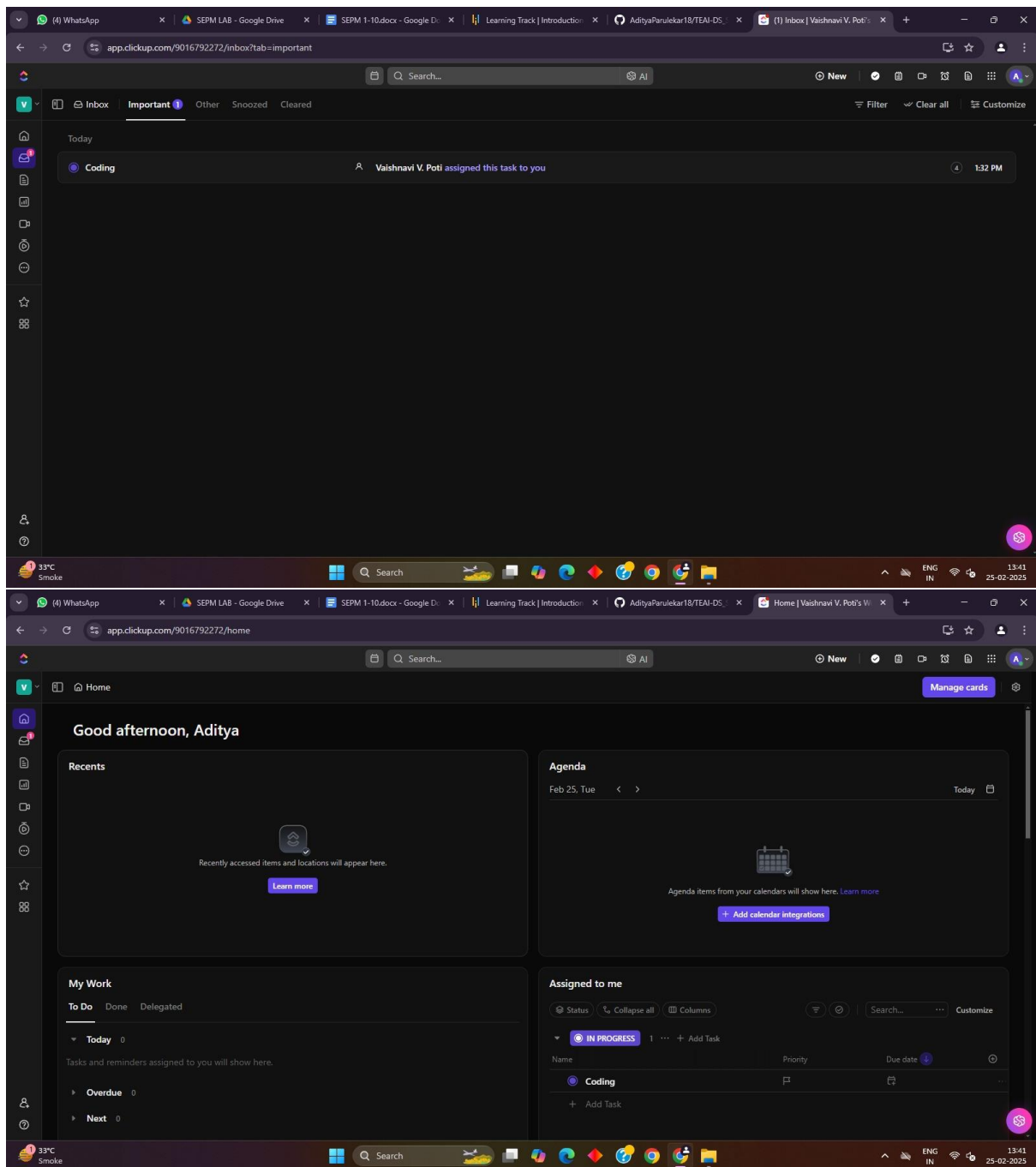
The image displays two screenshots of the ClickUp web application interface, showing project task management.

Top Screenshot: The interface shows a sidebar with navigation options (Home, Inbox, Docs, Dashboards, Clips, Timesheets, More) and a main workspace titled "Everything". The workspace displays a list of tasks under "Project 2". A context menu is open for the "Coding" task, showing options: "NOT STARTED", "TO DO", "ACTIVE", "IN PROGRESS", "COMPLETE", and "Send notifications".

Bottom Screenshot: The interface shows the same workspace, but the context menu is closed. The "IN PROGRESS" section lists tasks: "Coding", "Reviewing", "Deployment", "Final Changes", and "Presentation". The "TO DO" section lists tasks: "Task 2" and "Task 3".

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The screenshot shows the ClickUp web application interface. The top navigation bar includes the ClickUp logo and a "Joining Workspace..." message. The main content area displays a Gantt chart for "Task 1" under the "My timesheet" view. The Gantt chart shows a timeline from Sunday, February 23 to Saturday, March 1, 2023. Task 1 is marked as "In Progress" and has a duration of 1m (1 minute) on Tuesday, February 25. The left sidebar contains navigation options: Home, Inbox, Docs, Dashboards, Clips, Timesheets, and More. The bottom status bar shows the system clock as 13:33 on 25-02-2023.

Task / Location	Sun, Feb 23	Mon, Feb 24	Tue, Feb 25	Wed, Feb 26	Thu, Feb 27	Fri, Feb 28	Sat, Mar 1	Total
Task 1	0h	0h	1m	0h	0h	0h	0h	1m

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The image displays two screenshots of the ClickUp application interface. The top screenshot shows the 'My timesheet' view for the week of Feb 23 to Mar 1. The interface includes a sidebar with navigation options like Home, Inbox, Docs, Dashboards, Clips, and Timesheets. The main area shows a calendar grid with columns for each day. A task list on the right side of the calendar shows tasks like 'Task 3', 'Task 2', and 'Task 1' with their respective statuses and completion times. The bottom screenshot shows the 'Workspace Settings' page for 'Aditya Parulekar's Workspace'. The settings include options for 'White label' and 'Personal Workspace Layout'. The 'White label' option is currently disabled, and the 'Personal Workspace Layout' option is also disabled. A 'Delete Workspace' button is visible at the bottom left, and a 'Saved' button is at the bottom right.

✉ **GitHub Repo Link:-** https://github.com/AdityaParulekar18/TEAI-DS_SEPM_T21-2201072_AdityaP_Exp

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

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