

The image shows the TaskFlow Planner application window. At the top, the title bar says "TaskFlow Planner". The main heading is "TaskFlow Planner". Below it, there are four input fields: "Task Name" (containing "NS lab"), "Hours Needed" (containing "5"), "Due Date (DD-MM-YYYY)" (containing "17-04-2025"), and "Importance" (containing "med"). To the right of these fields is an "Add Task" button. Below the input fields, there are five buttons: "High Performance", "Casual", "On Deadlines", "Show Usage Graph", and "Check Best Method". Below these buttons, the section "Current Tasks" is displayed. It has a table with columns: Name, Hours, Due In (Days), Importance, Edit, Complete, and Delete. The table is currently empty. Below the table, there is a "Success" dialog box with a blue information icon and the text "Task 'OS project' added." and an "OK" button.

TaskFlow Planner

Task Name: NS lab, Hours Needed: 5, Due Date (DD-MM-YYYY): 17-04-2025, Importance: med, Add Task

High Performance, Casual, On Deadlines, Show Usage Graph, Check Best Method

Current Tasks

Name	Hours	Due In (Days)	Importance	Edit	Complete	Delete
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Success: Task 'OS project' added. OK

Figure 1. Task Addition Interface

The image shows the TaskFlow Planner application window. At the top, the title bar says "TaskFlow Planner". The main heading is "TaskFlow Planner". Below it, there are four input fields: "Task Name" (empty), "Hours Needed" (empty), "Due Date (DD-MM-YYYY)" (containing "18-04-2025"), and "Importance" (containing "low"). To the right of these fields is an "Add Task" button. Below the input fields, there are five buttons: "High Performance", "Casual", "On Deadlines", "Show Usage Graph", and "Check Best Method". Below these buttons, the section "Current Tasks" is displayed. It has a table with columns: Name, Hours, Due In (Days), Importance, Edit, Complete, and Delete. The table contains three rows of data: "NS lab" (5 hours, 0 days, med importance), "OS project" (2 hours, 0 days, high importance), and "DAA obs" (5 hours, 1 day, low importance). Each row has an "Edit" button (pencil icon), a "Complete" button (checkbox icon), and a "Delete" button (trash icon).

TaskFlow Planner

Task Name: , Hours Needed: , Due Date (DD-MM-YYYY): 18-04-2025, Importance: low, Add Task

High Performance, Casual, On Deadlines, Show Usage Graph, Check Best Method

Current Tasks

Name	Hours	Due In (Days)	Importance	Edit	Complete	Delete
NS lab	5	0	med		<input checked="" type="checkbox"/>	
OS project	2	0	high		<input checked="" type="checkbox"/>	
DAA obs	5	1	low		<input checked="" type="checkbox"/>	

Figure 2. Selecting Scheduling Method

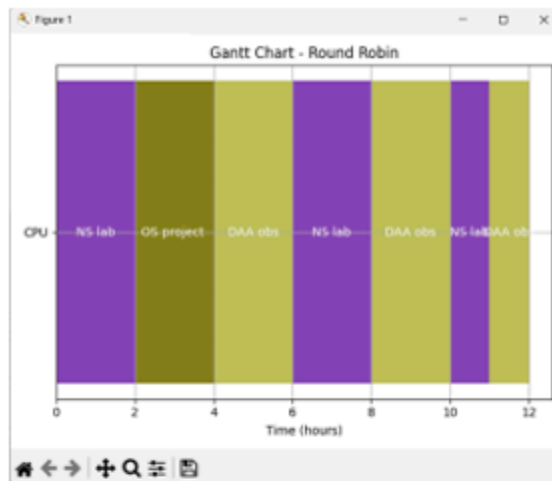


Figure 3. Gantt Chart for Round Robin

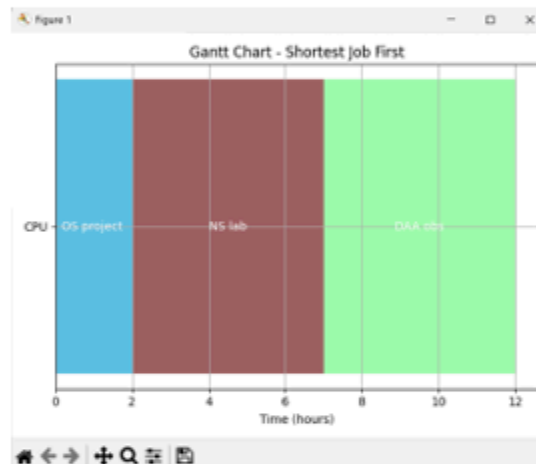


Figure 4. Gantt Chart for SJF

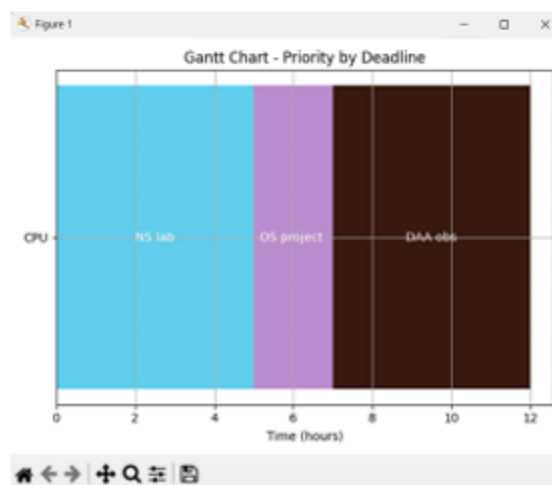


Figure 5. Gantt Chart for Deadline Priority

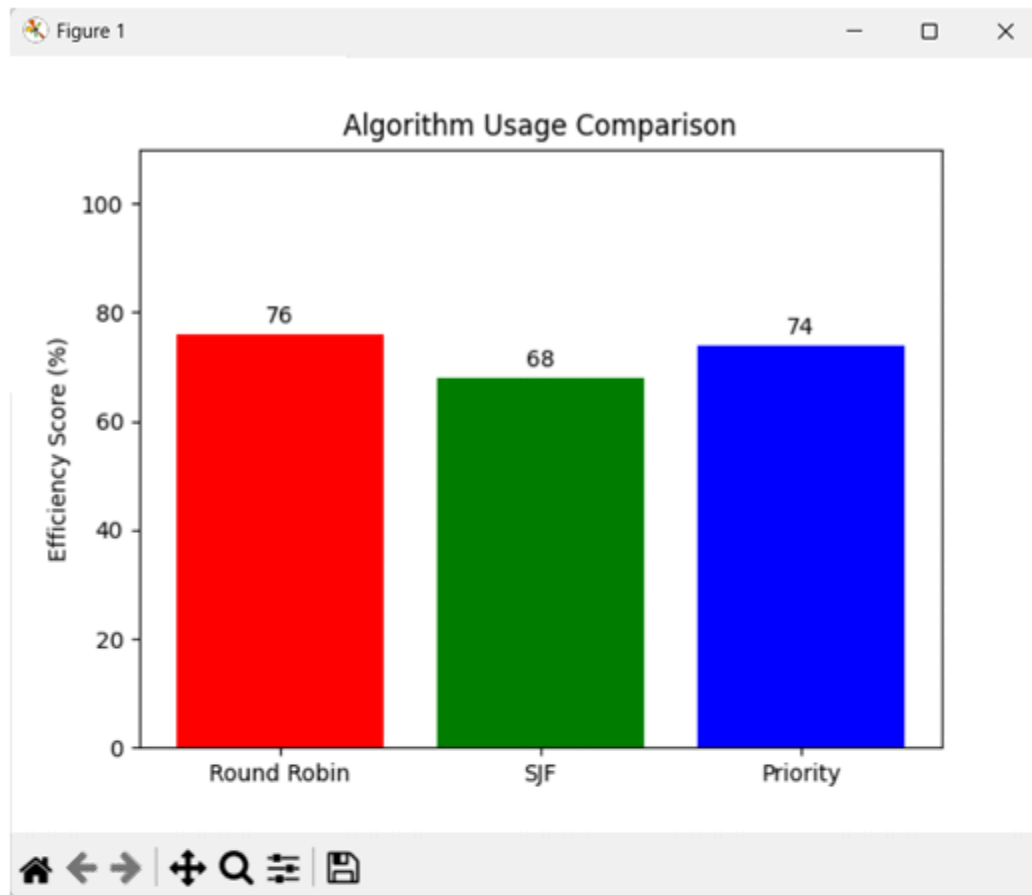


Figure 6. Efficiency Comparison Graph

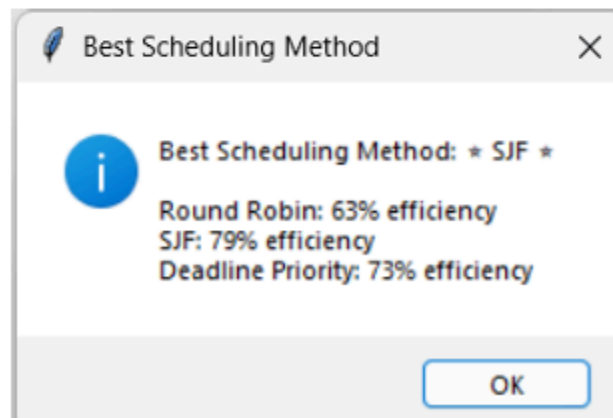


Figure 7. Best method with efficiency