TASK MANAGEMENT SYSTEM

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Project Title: Task Management System

Project Description:

The **Task Management System** is a web-based application designed to enhance productivity and streamline task management for individuals and teams. This system provides robust features for task organization, delegation, and monitoring, ensuring that users can efficiently manage their workflows. With a user-friendly interface and powerful functionality, the system caters to both personal and professional task management needs.

Key objectives of the system include:

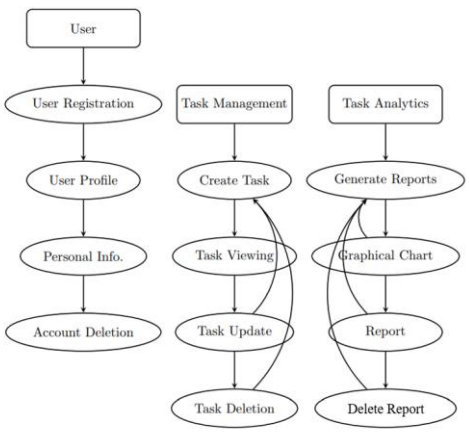
- Simplifying task creation, assignment, and tracking.
- Enabling seamless collaboration among team members.
- Providing real-time updates and analytics for better decision-making.
- Integrating with tools like **Google Calendar** for enhanced scheduling and reminders.

Project Scope

Task Management System		
User Management	Task List	Task Analytics and Reports
C: User Registration **R:** UserProfile **U:** Personal Info. **D:** Account Deletion	**C:** Tasks, Titles, Dates,Category/Priority **R:** Task Viewing **U:** Task and Status **D:** Task Deletion	**C:** Generate Reports On Completed Tasks and Pending Tasks. **R:** View Graphical Chart **U:** Customize Report **D:** Delete Reports
Vineetha Madasu	Sai Venkata Revanth Ashok Thokala	Pavan Kalyan Mandapaneni
Google Calendar, MongoDB Database		

USER Flow Diagram:

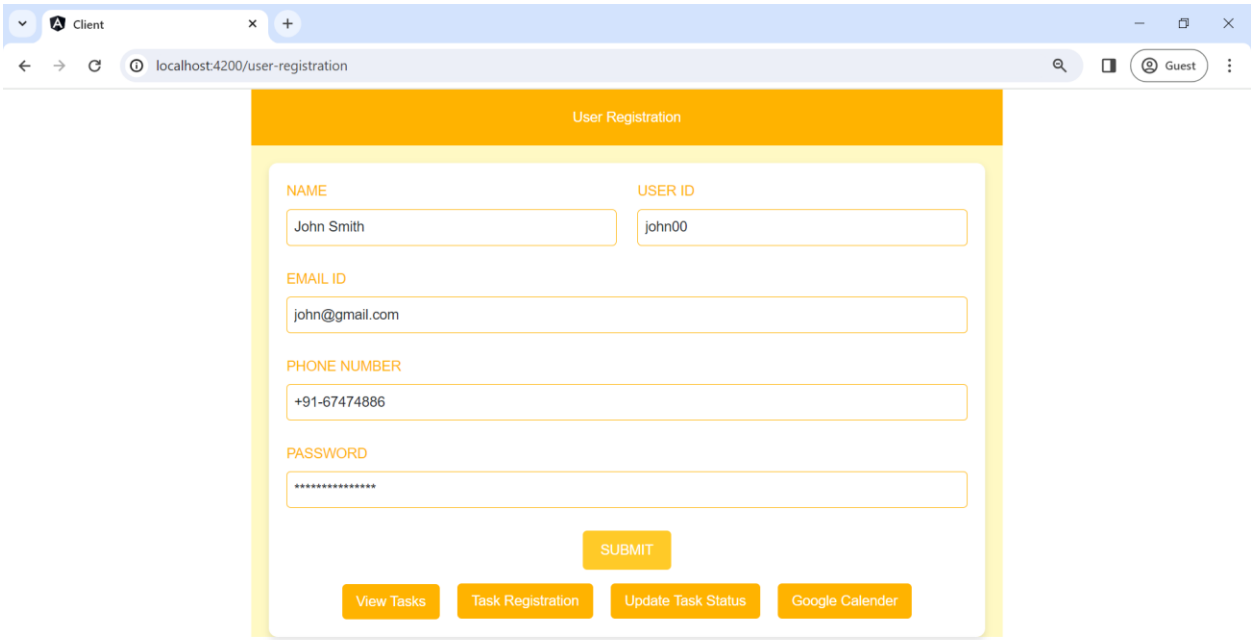
The user flow diagram below illustrates the seamless navigation and interaction within the Task Management System:

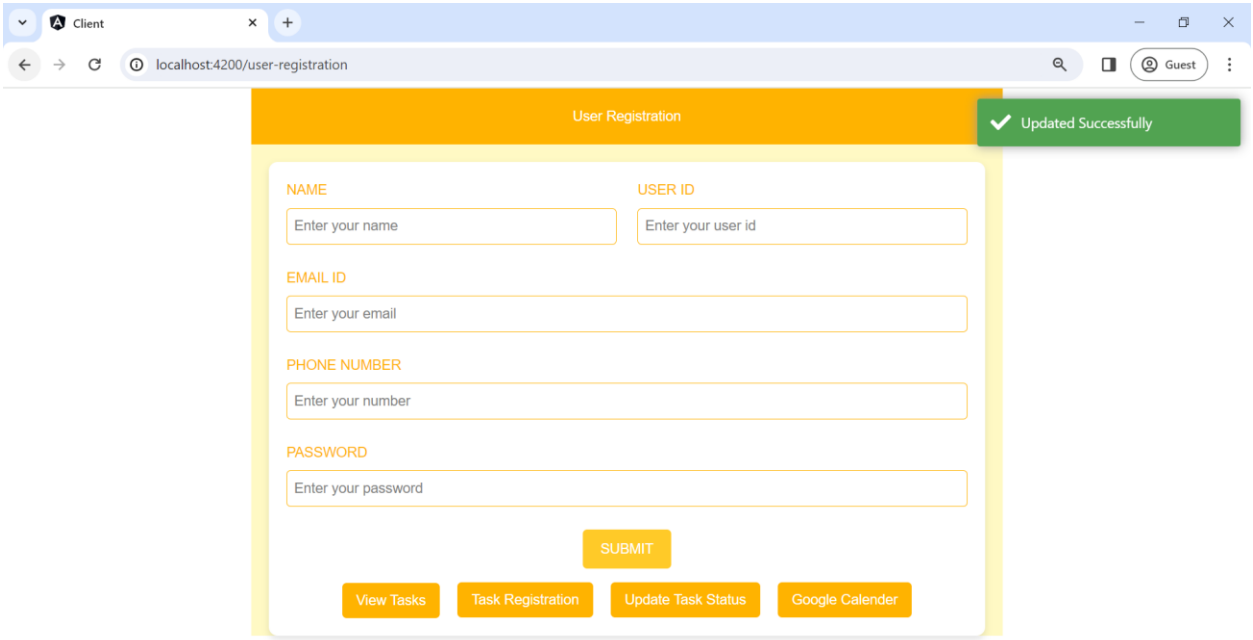


Screenshot:

User Registration

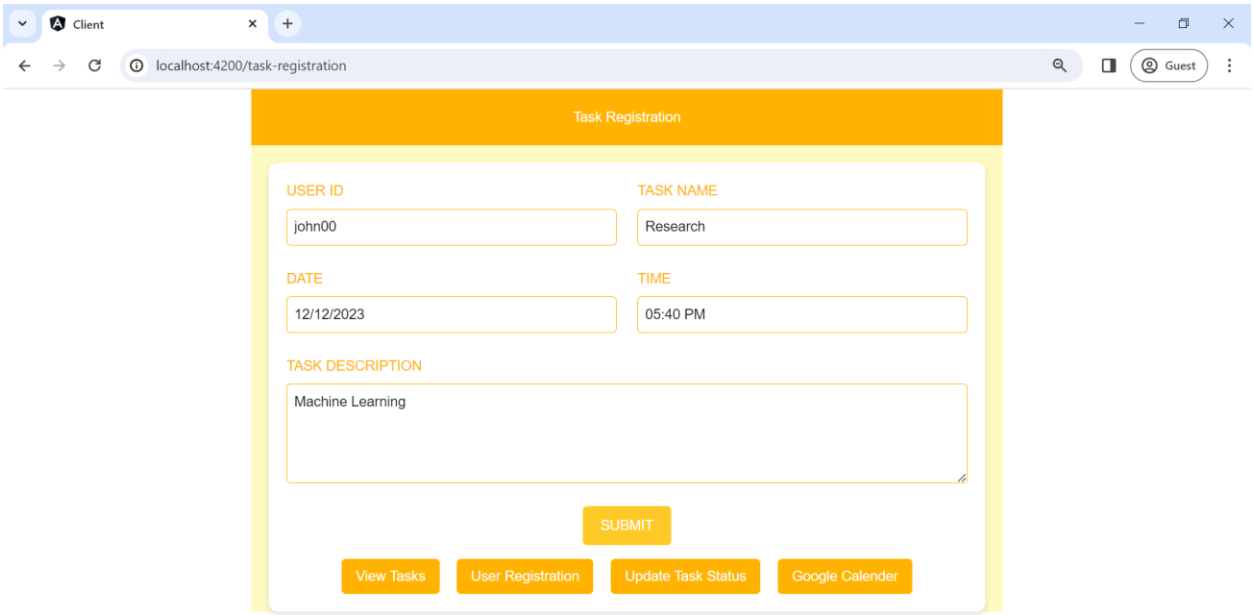
The User Registration Page allows new users to create an account by entering essential details such as their name, email address, and password. This page ensures a secure and straightforward onboarding process, enabling users to quickly start using the system.

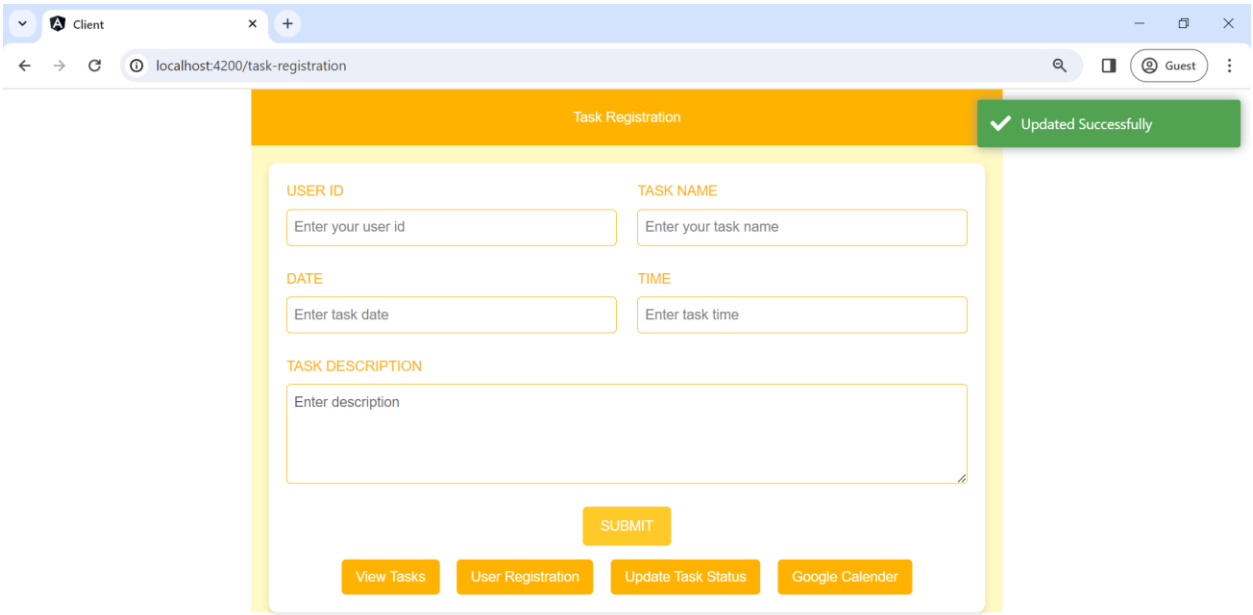




Task Assignment:

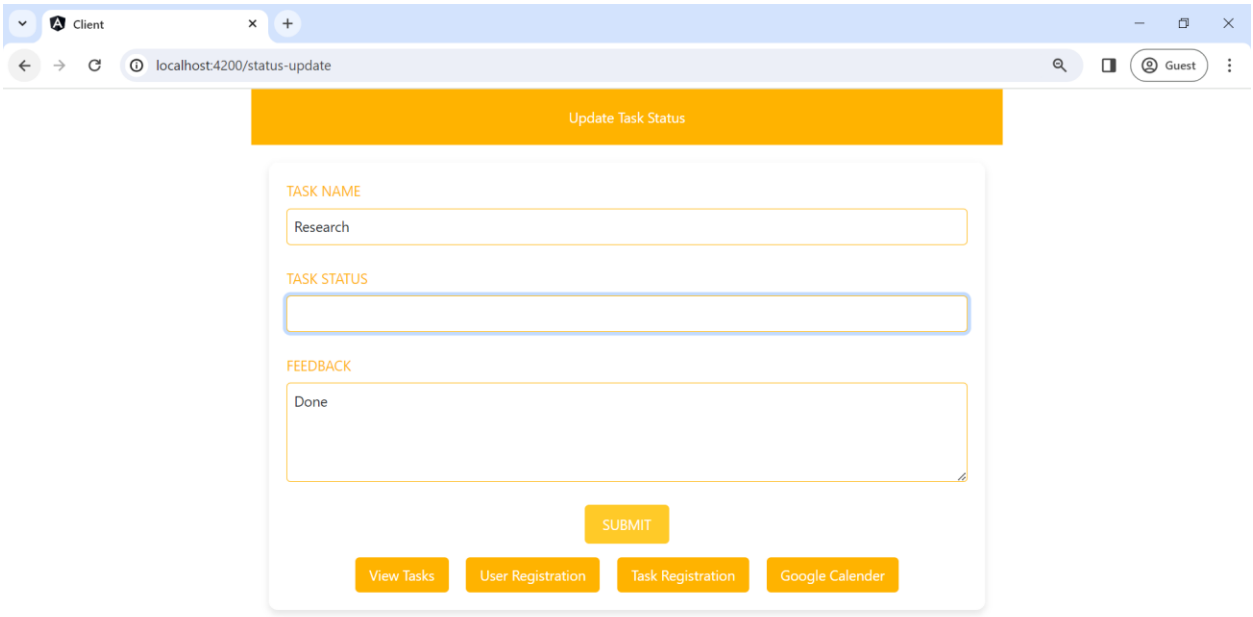
The Task Creation Page enables users to create new tasks by specifying details such as the task title, description, due date, category, and priority level. This page is designed to be intuitive, allowing users to quickly add tasks without unnecessary complexity.

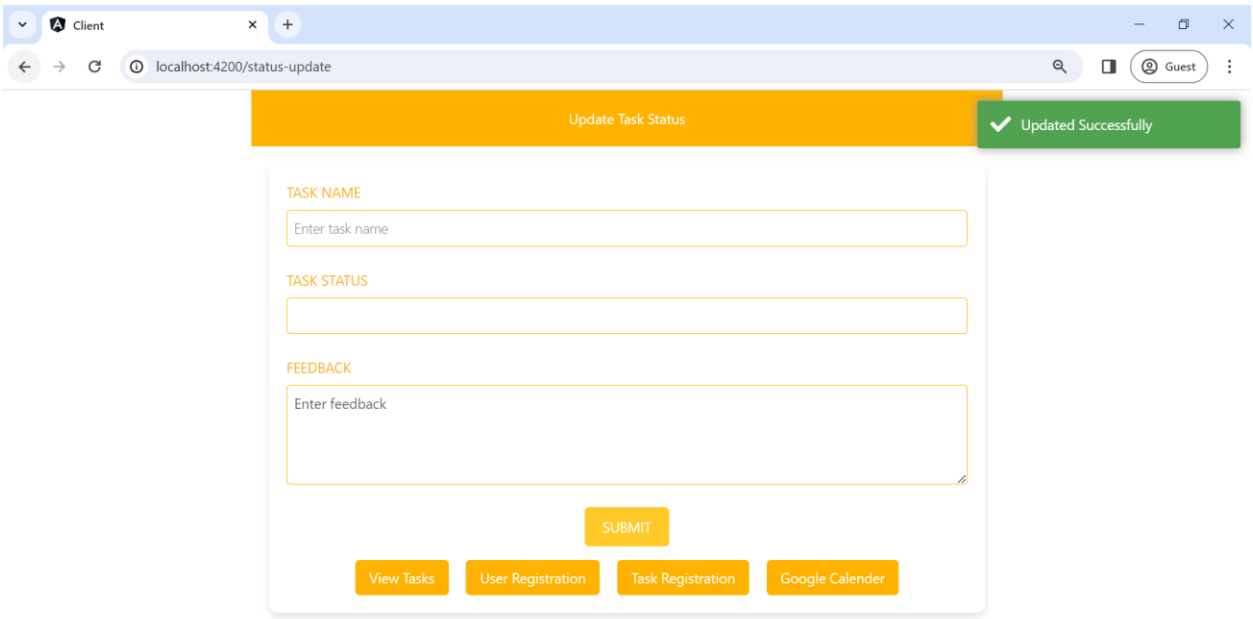




Update Task Status

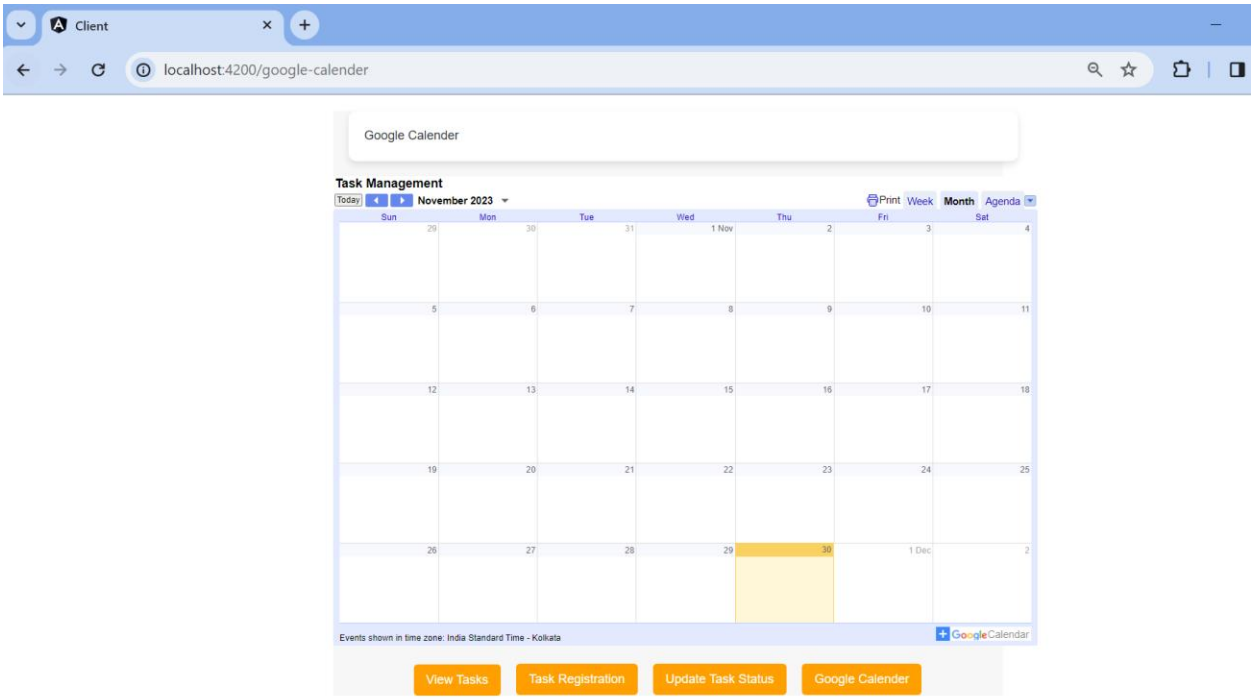
The Task Status Update Page provides users with the ability to update the status of tasks (e.g., "To Do," "In Progress," "Completed"). This feature ensures real-time tracking of task progress and helps teams stay aligned on project milestones.

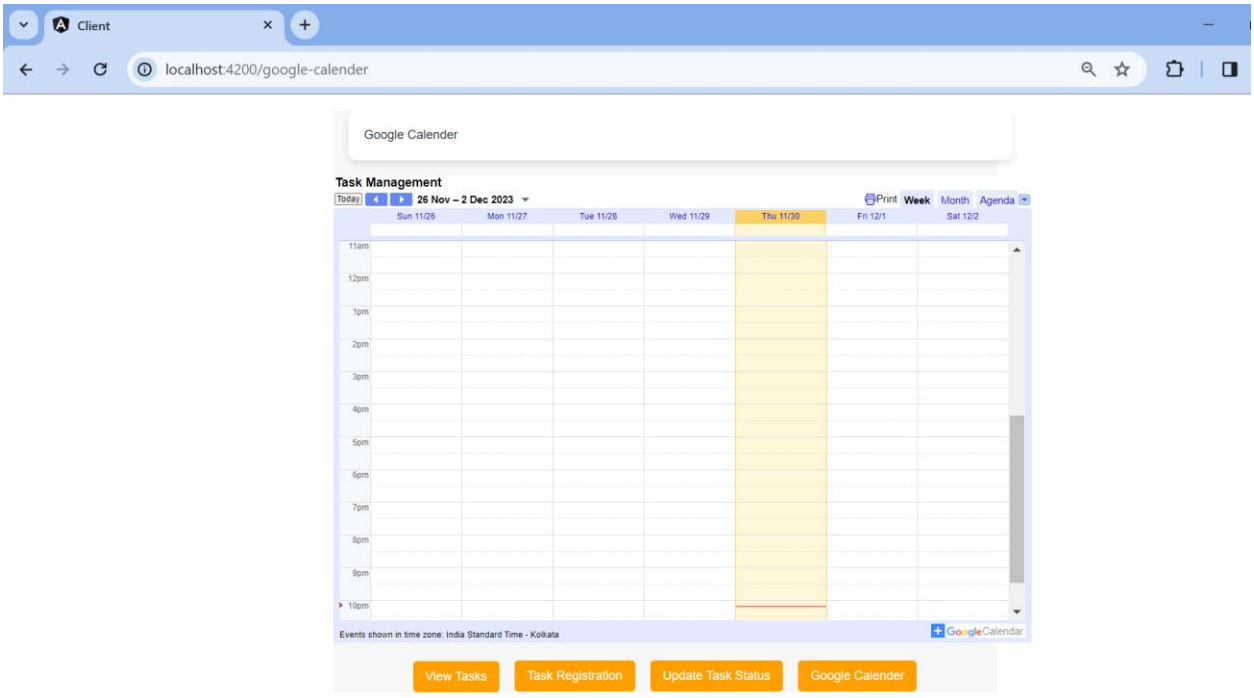




Google Calendar API

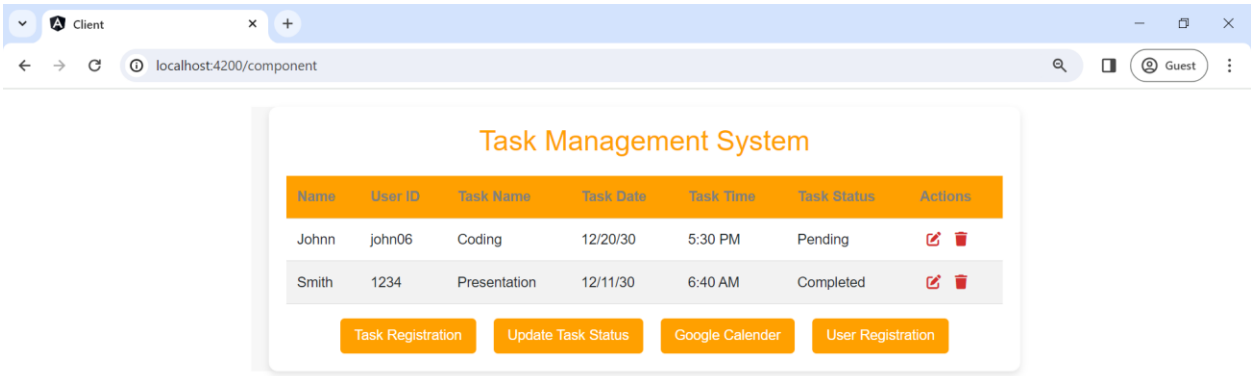
The Google Calendar Integration feature syncs tasks with the user's Google Calendar, providing a unified view of deadlines and schedules. This integration ensures that users never miss important deadlines and can manage their time effectively.

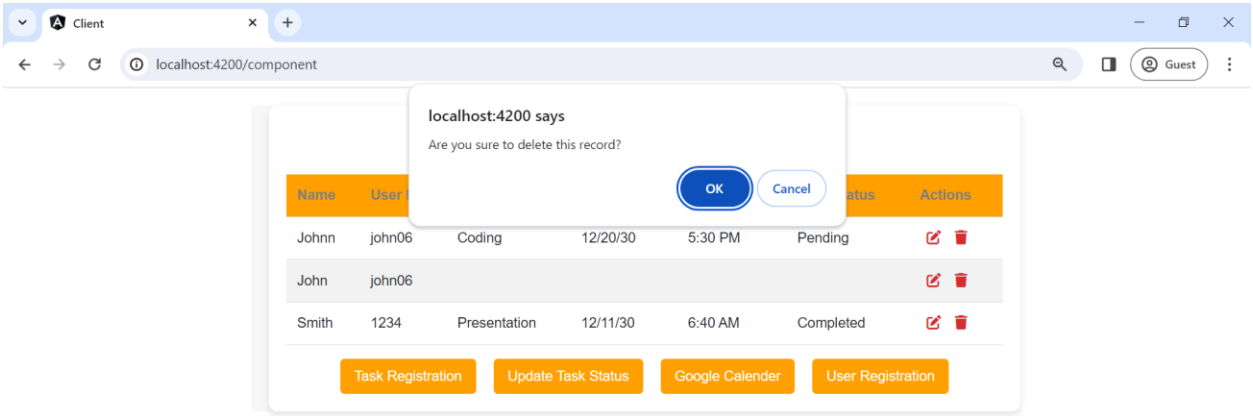


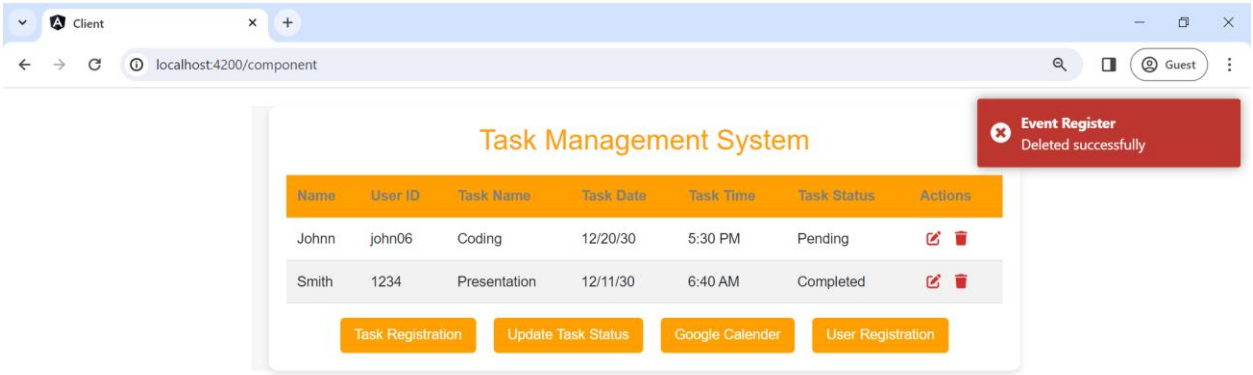


Task Management

The Task Management Dashboard provides an overview of all tasks, including pending, in-progress, and completed tasks. Users can quickly assess their workload and prioritize tasks based on deadlines and priorities.



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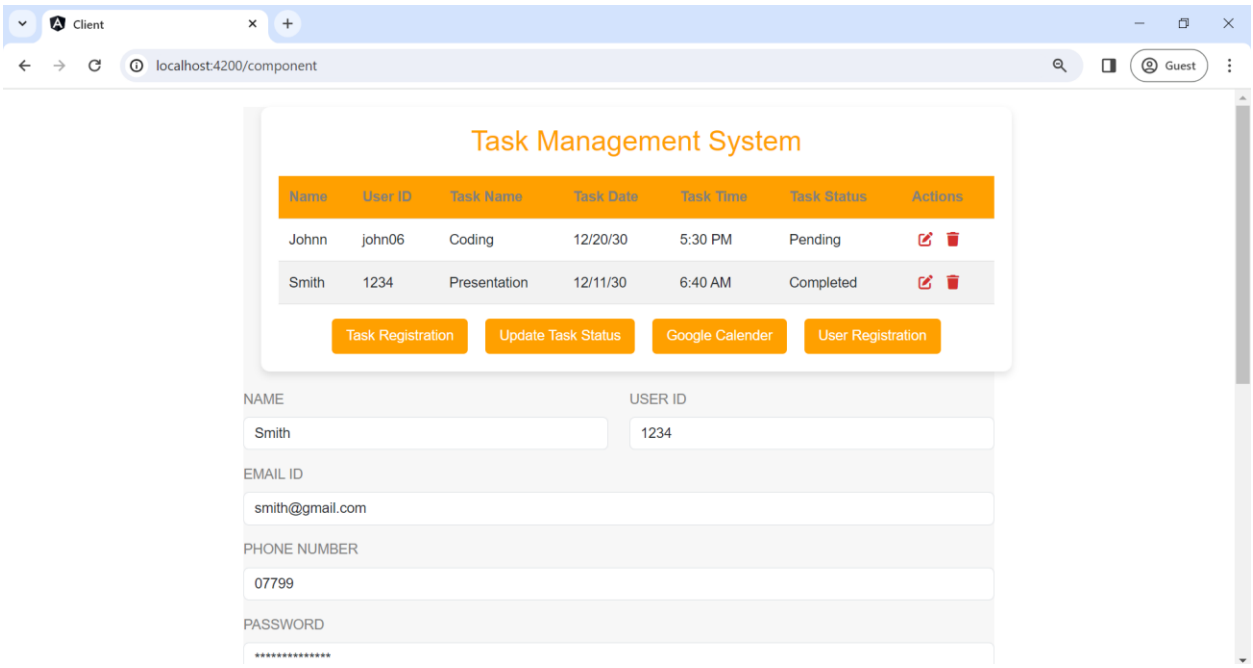
localhost:4200/component
Guest
Event Register
Deleted successfully
Task Management System
Name
User ID
Task Name
Task Date
Task Time
Task Status
Actions
Johnn
john06
Coding
12/20/30
5:30 PM
Pending
Smith
1234
Presentation
12/11/30
6:40 AM
Completed
Task Registration
Update Task Status
Google Calender
User Registration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Task Registration
Update Task Status
Google Calender
User Registration
NAME
Smith
USER ID
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EMAIL ID
smith@gmail.com
PHONE NUMBER
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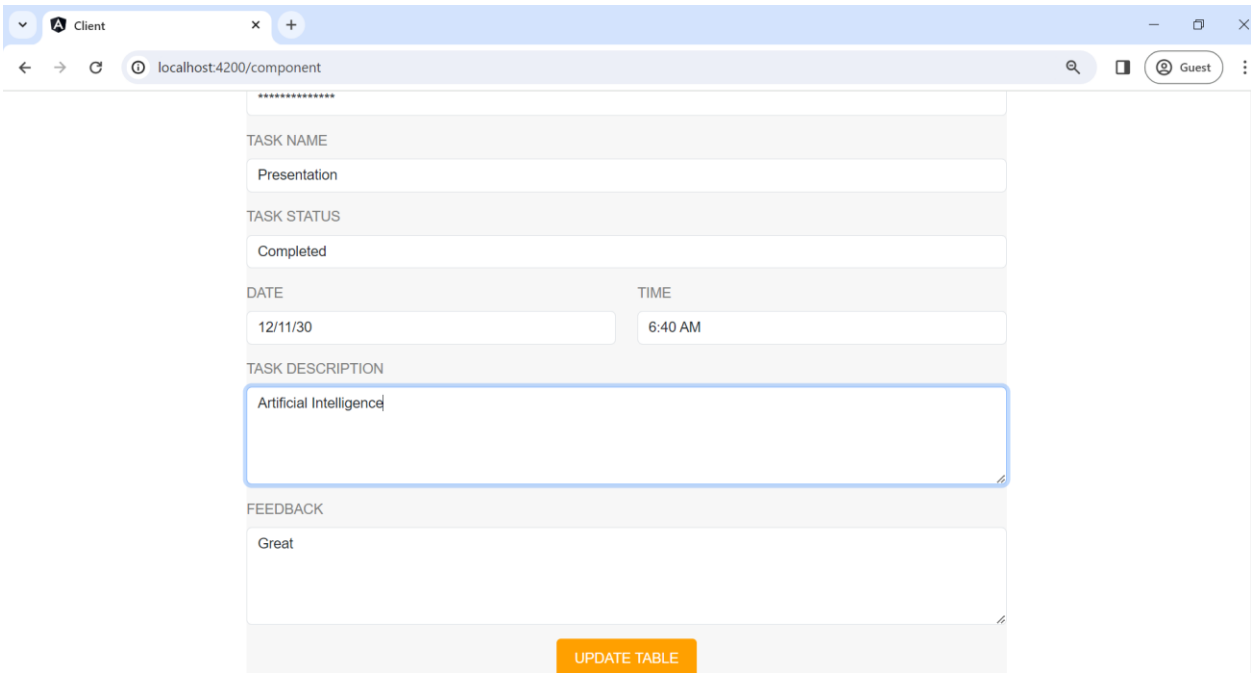
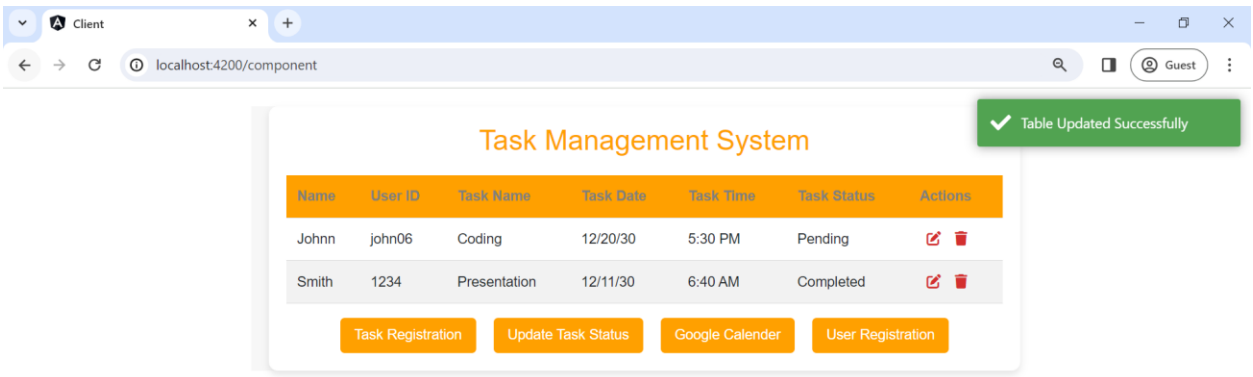
PASSWORD


Client
localhost:4200/component
Guest
TASK NAME
Presentation
TASK STATUS
Completed
DATE
12/11/30
TIME
6:40 AM
TASK DESCRIPTION
Artificial Intelligence
FEEDBACK
Great
UPDATE TABLE


Client
localhost:4200/component
Guest
Table Updated Successfully
Task Management System
Name
User ID
Task Name
Task Date
Task Time
Task Status
Actions
Johnn
john06
Coding
12/20/30
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Completed
Task Registration
Update Task Status
Google Calender
User Registration