

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:

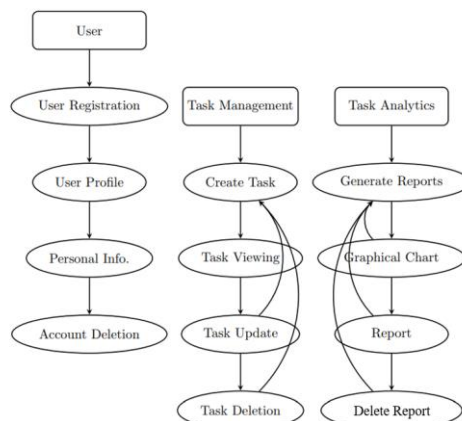
- Simplifying task creation, assignment, and tracking.
- Enabling seamless collaboration among team members.
- Providing real-time updates and analytics for better decision-making.
- Integrating with tools like **Google Calendar** for enhanced scheduling and reminders.

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:

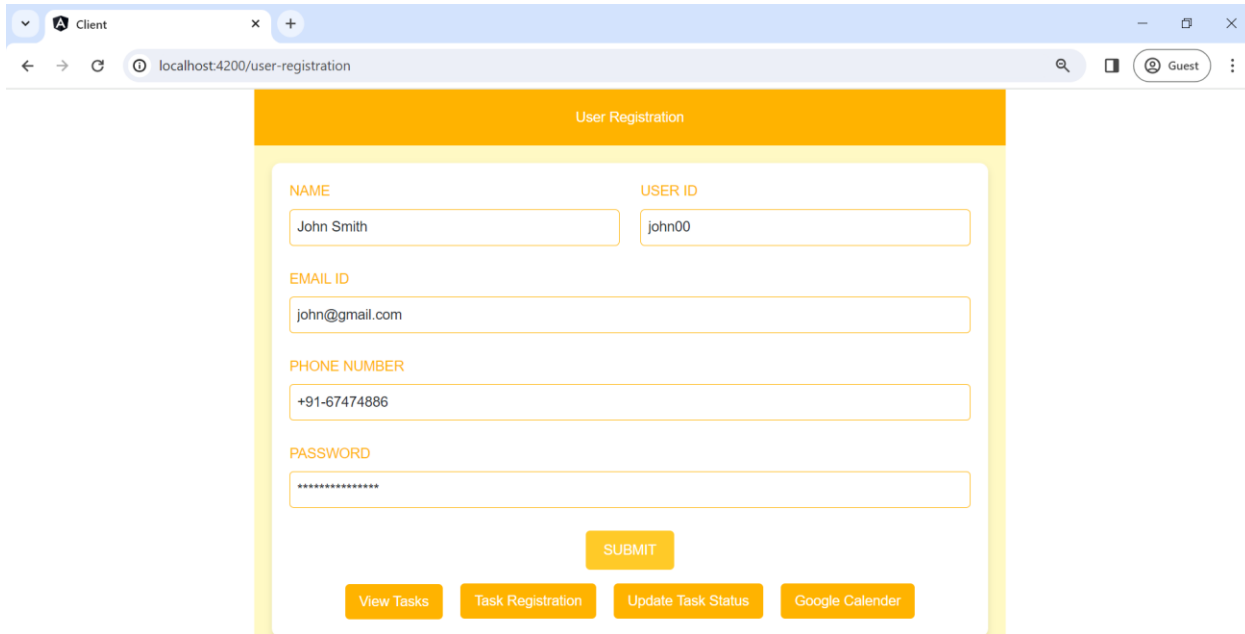
The user flow diagram below illustrates the seamless navigation and interaction within the Task Management System:



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.



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/user-registration'. The page title is 'User Registration'. The form contains the following fields and values:

NAME	USER ID
John Smith	john00

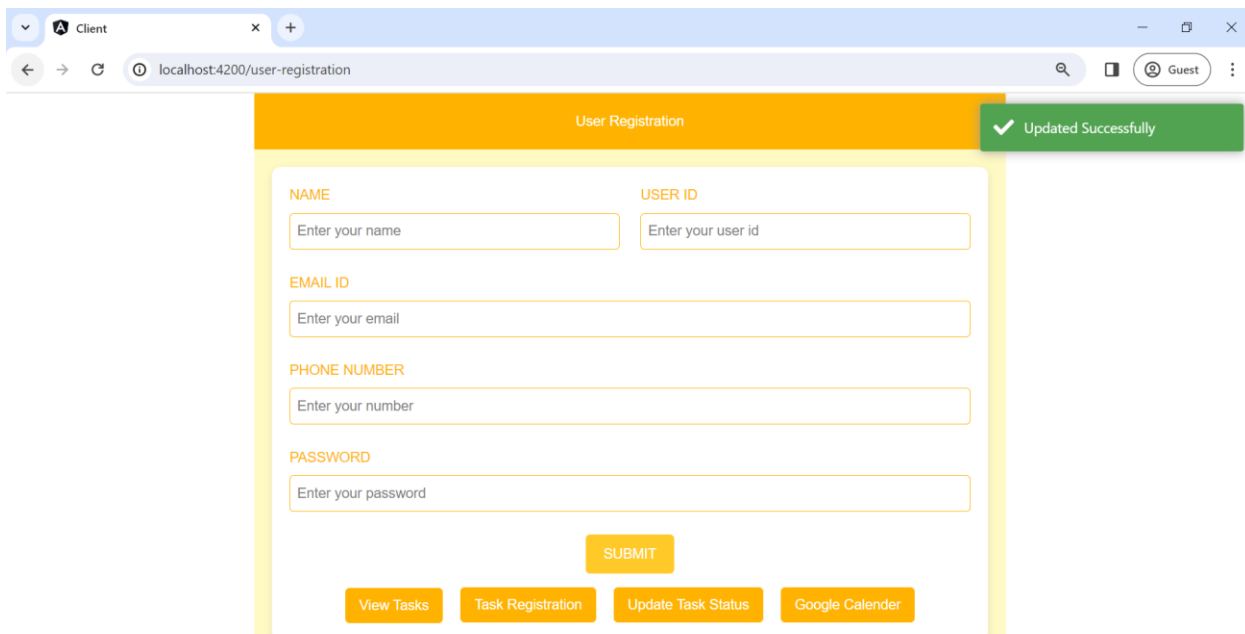
EMAIL ID: john@gmail.com

PHONE NUMBER: +91-67474886

PASSWORD: *****

SUBMIT

View Tasks Task Registration Update Task Status Google Calendar



The screenshot shows the same web browser window, but the form fields now contain placeholder text. A green notification bar at the top right indicates 'Updated Successfully'.

NAME	USER ID
Enter your name	Enter your user id

EMAIL ID: Enter your email

PHONE NUMBER: Enter your number

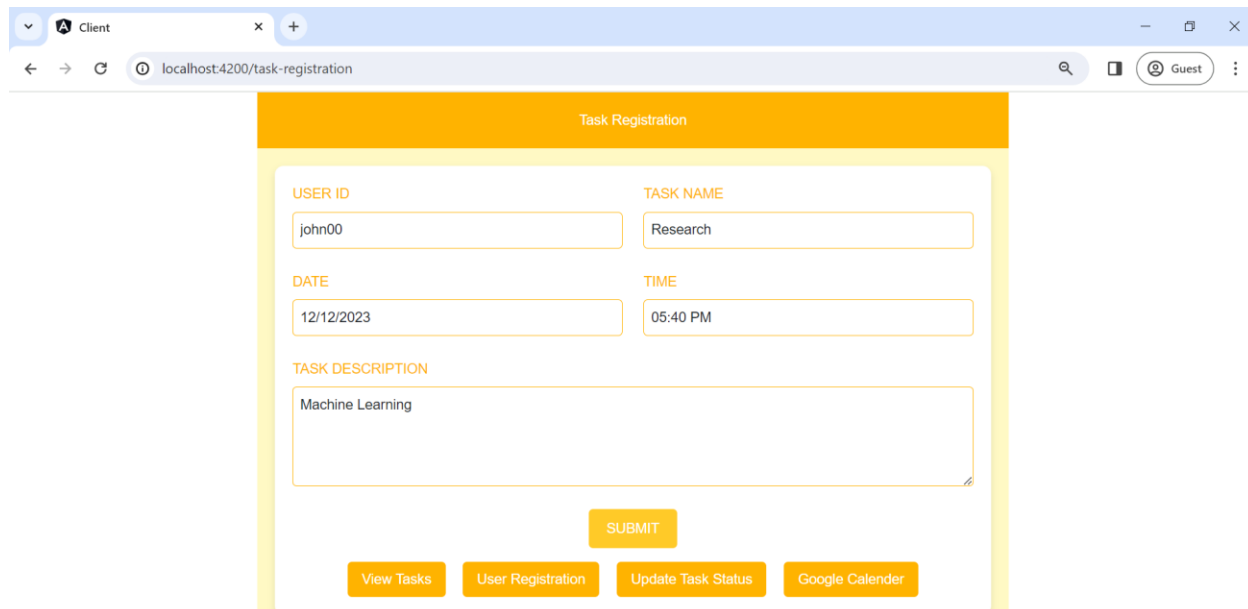
PASSWORD: Enter your password

SUBMIT

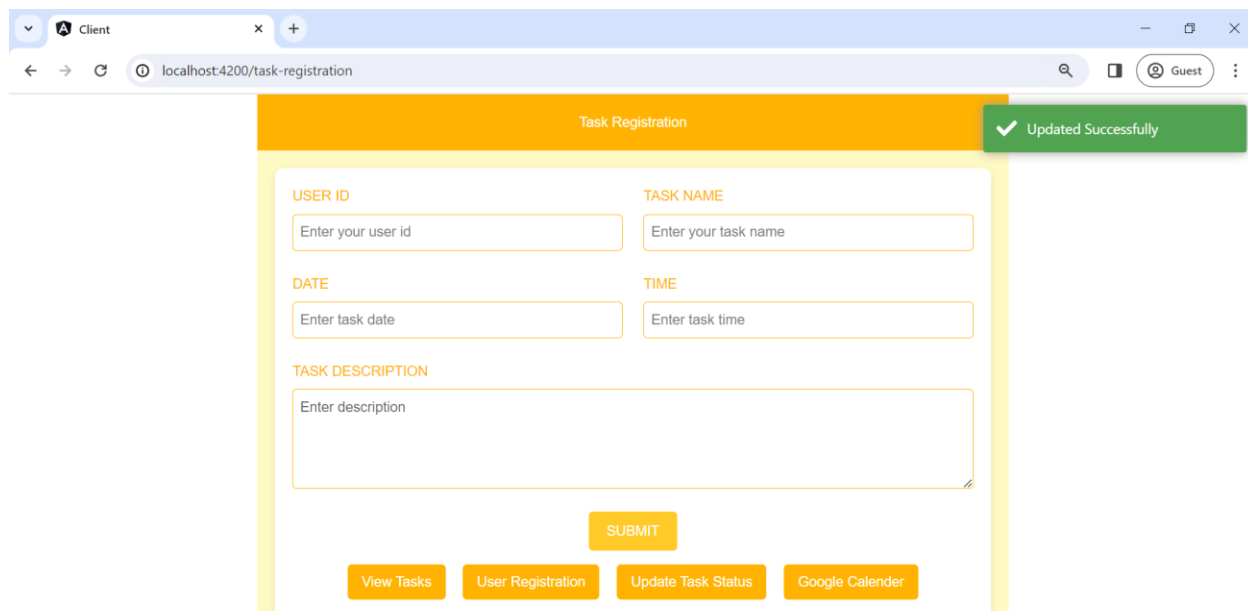
View Tasks Task Registration Update Task Status Google Calendar

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.



A screenshot of a web browser showing the 'Task Registration' form. The browser's address bar displays 'localhost:4200/task-registration' and the user is logged in as 'Guest'. The form has an orange header bar with the title 'Task Registration'. Below the header, the form is divided into several sections: 'USER ID' with a text input containing 'john00', 'TASK NAME' with a text input containing 'Research', 'DATE' with a text input containing '12/12/2023', 'TIME' with a text input containing '05:40 PM', and 'TASK DESCRIPTION' with a text area containing 'Machine Learning'. A yellow 'SUBMIT' button is centered below the description field. At the bottom of the form, there are four orange buttons: 'View Tasks', 'User Registration', 'Update Task Status', and 'Google Calendar'.



A screenshot of the same 'Task Registration' form, but with placeholder text in the input fields. The browser address bar and user status remain the same. A green notification banner with a checkmark and the text 'Updated Successfully' is visible in the top right corner. The form fields are: 'USER ID' with placeholder 'Enter your user id', 'TASK NAME' with placeholder 'Enter your task name', 'DATE' with placeholder 'Enter task date', 'TIME' with placeholder 'Enter task time', and 'TASK DESCRIPTION' with placeholder 'Enter description'. The 'SUBMIT' button and the bottom navigation buttons ('View Tasks', 'User Registration', 'Update Task Status', 'Google Calendar') are still present.

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.

Update Task Status

TASK NAME
Research

TASK STATUS

FEEDBACK
Done

SUBMIT

View Tasks User Registration Task Registration Google Calendar

Update Task Status

Updated Successfully

TASK NAME
Enter task name

TASK STATUS

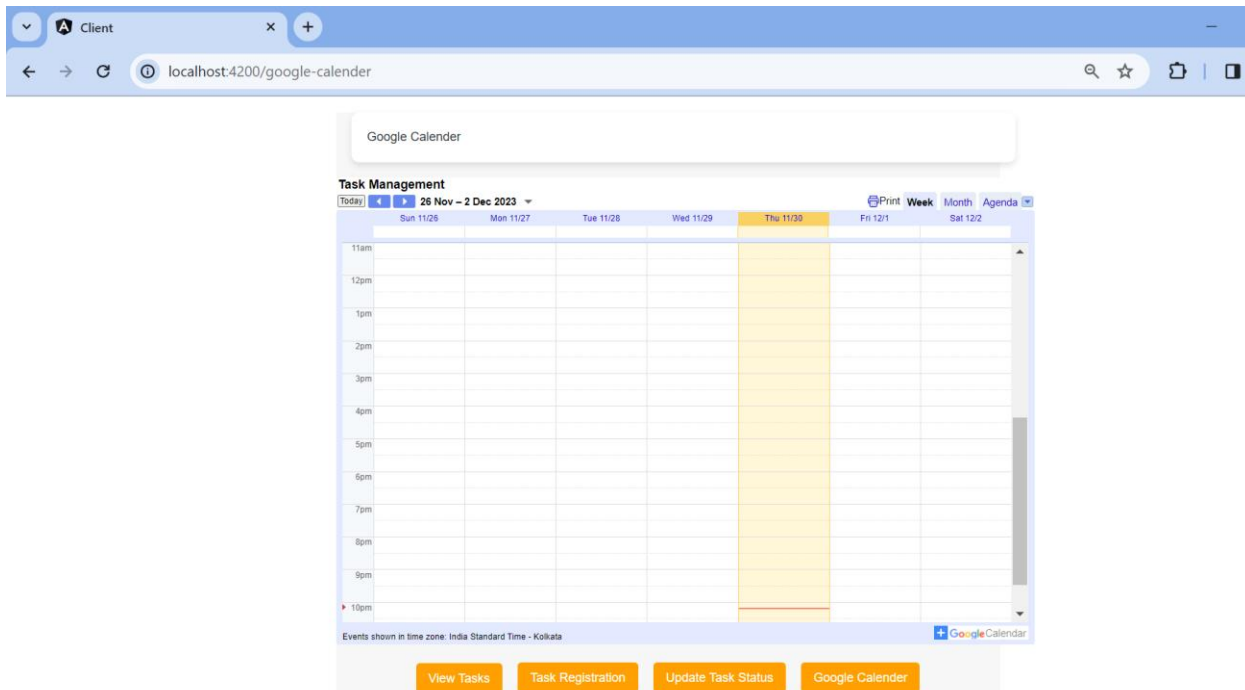
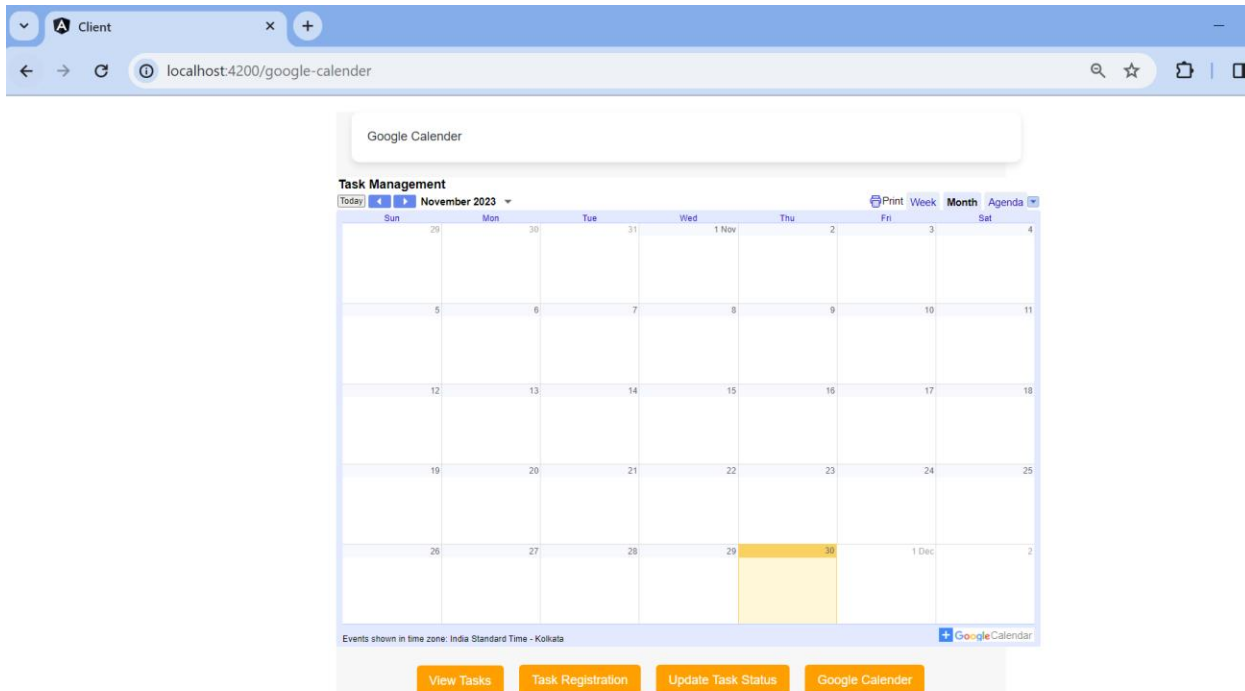
FEEDBACK
Enter feedback

SUBMIT

View Tasks User Registration Task Registration Google Calendar

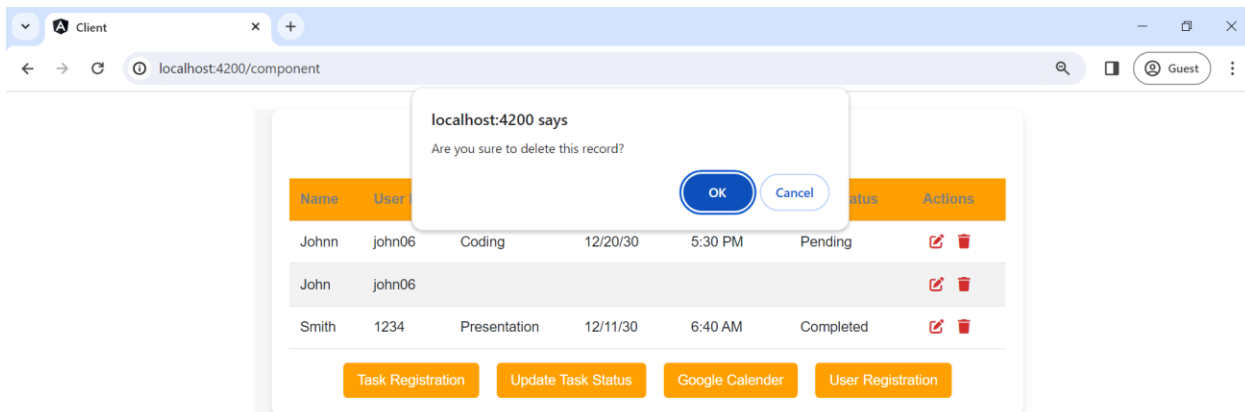
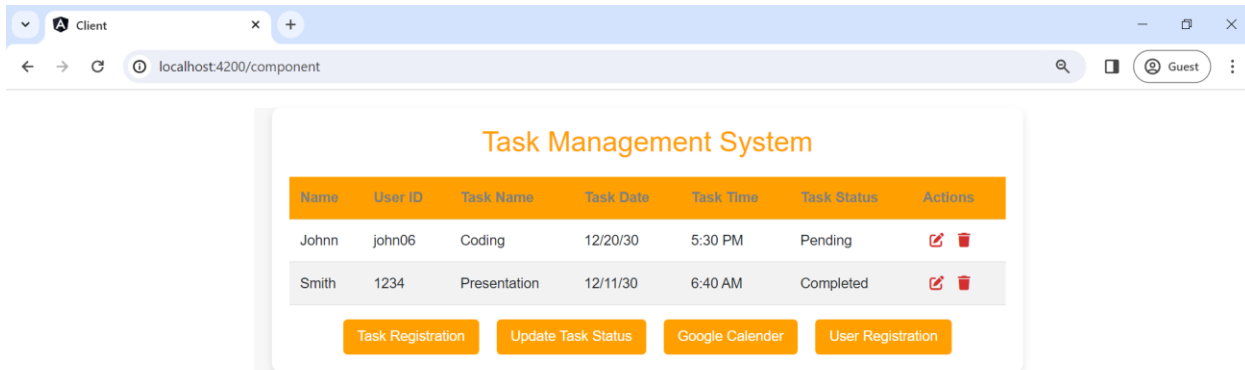
Google Calendar API

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.







Client

localhost:4200/component

Guest

Task Management System

Event Register
Deleted successfully

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

Client

localhost:4200/component

Guest

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

NAME

Smith

USER ID

1234

EMAIL ID

smith@gmail.com

PHONE NUMBER

07799

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

Task Management System

Table Updated Successfully

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