SECURE TASKS MANAGER
POSTMAN API DOCUMENTATION

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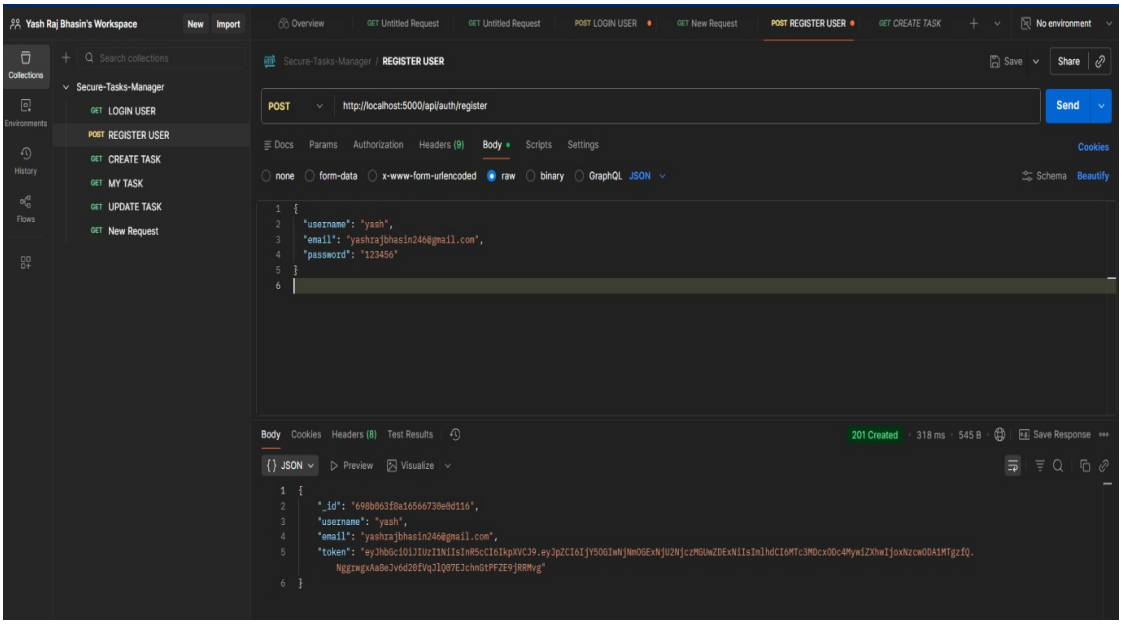
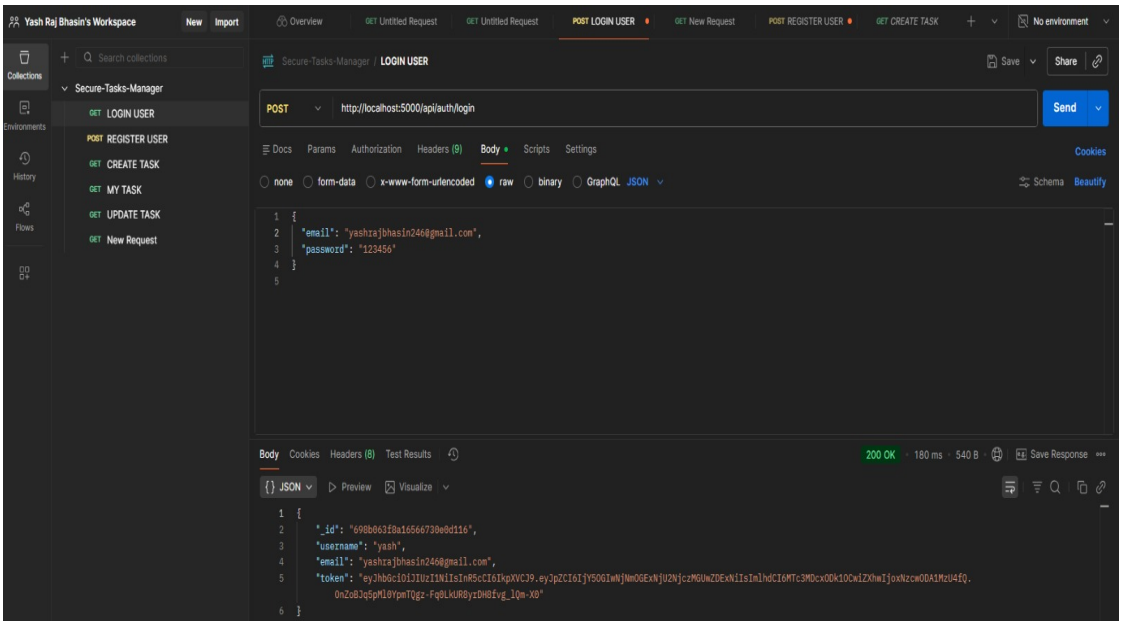
This document presents a detailed demonstration of the Secure Tasks Manager REST API using Postman. Each section includes request-response outputs along with clear explanations to showcase authentication, authorization, and complete task management functionality implemented using Node.js, Express, and MongoDB.

REGISTER USER API



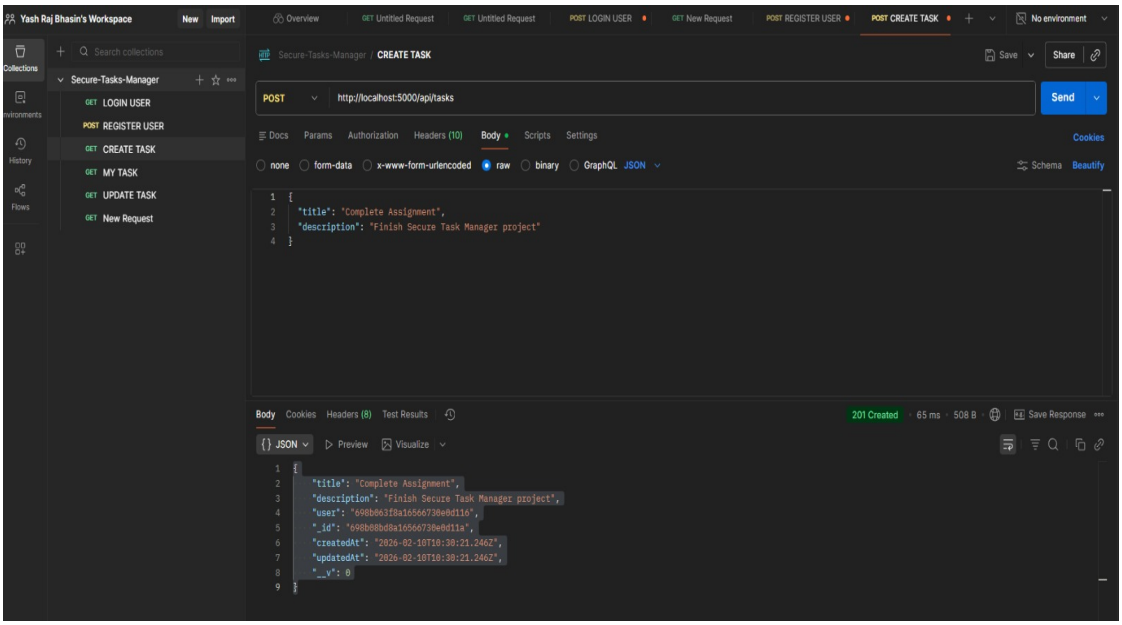
This API endpoint is responsible for registering a new user into the system. The user provides a username, email, and password in the request body. Upon successful registration, the system stores the user securely in the database and returns the user details along with a JWT authentication token. This token is later used to authorize protected routes.

LOGIN USER API



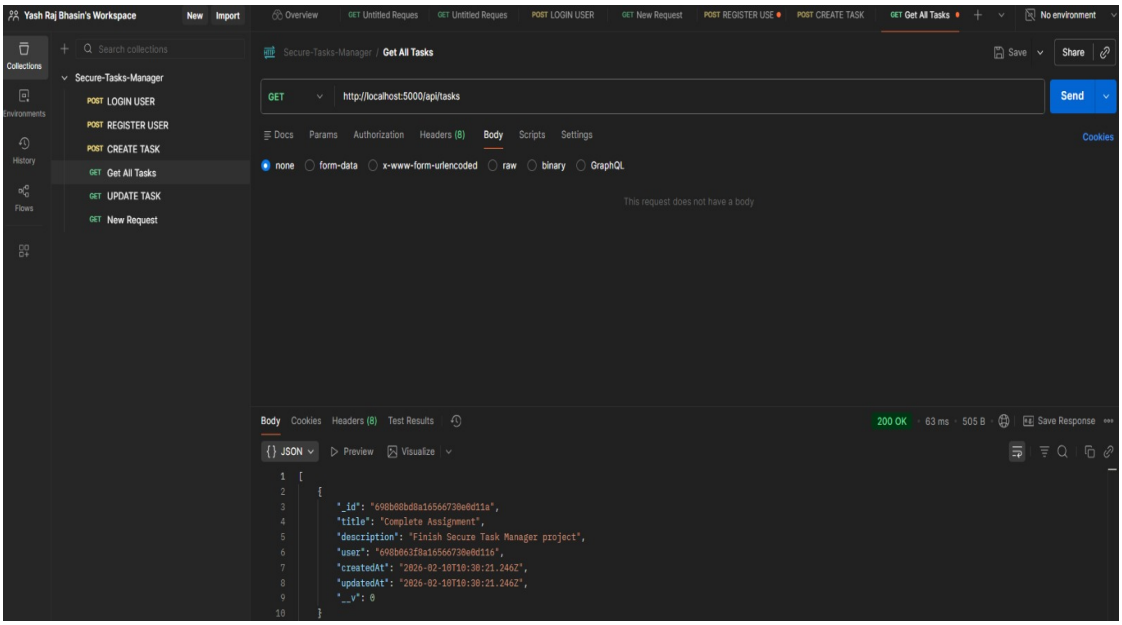
This endpoint authenticates an existing user using their registered email and password. If the credentials are valid, the server generates and returns a JWT token. This token proves the user's identity and is required to access task-related APIs.

CREATE TASK API



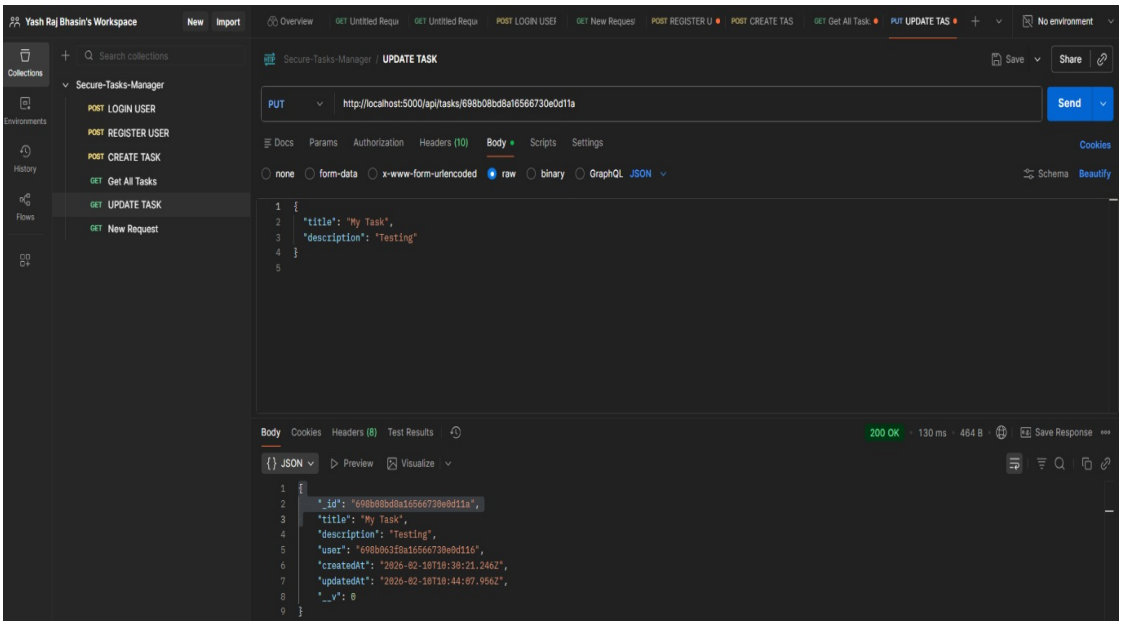
This API allows an authenticated user to create a new task. The request body contains the task title and description. The task is linked to the logged-in user and stored in the database with timestamps for creation and updates.

GET ALL TASKS API



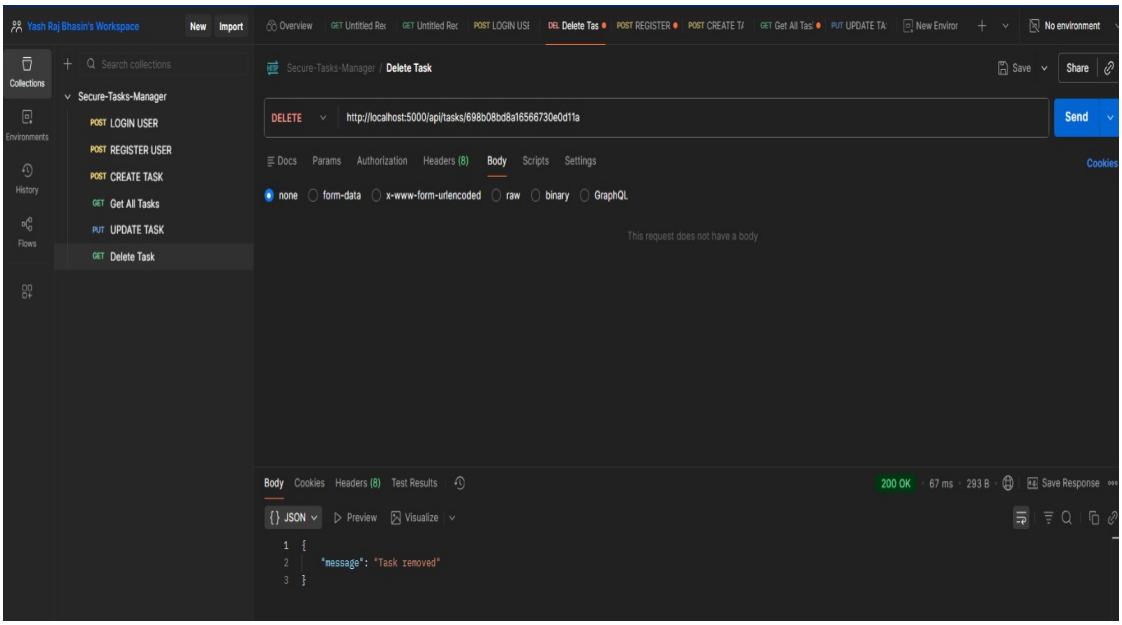
This endpoint retrieves all tasks created by the authenticated user. It ensures data privacy by returning only tasks associated with the user’s account, making the system secure and user-specific.

UPDATE TASK API



This API updates an existing task using its unique task ID. The user can modify the task title or description. Updated timestamps help track changes, ensuring accurate task management.

DELETE TASK API



This endpoint permanently deletes a task based on its unique ID. Once deleted, the task is removed from the database, confirming successful cleanup and proper task lifecycle management.