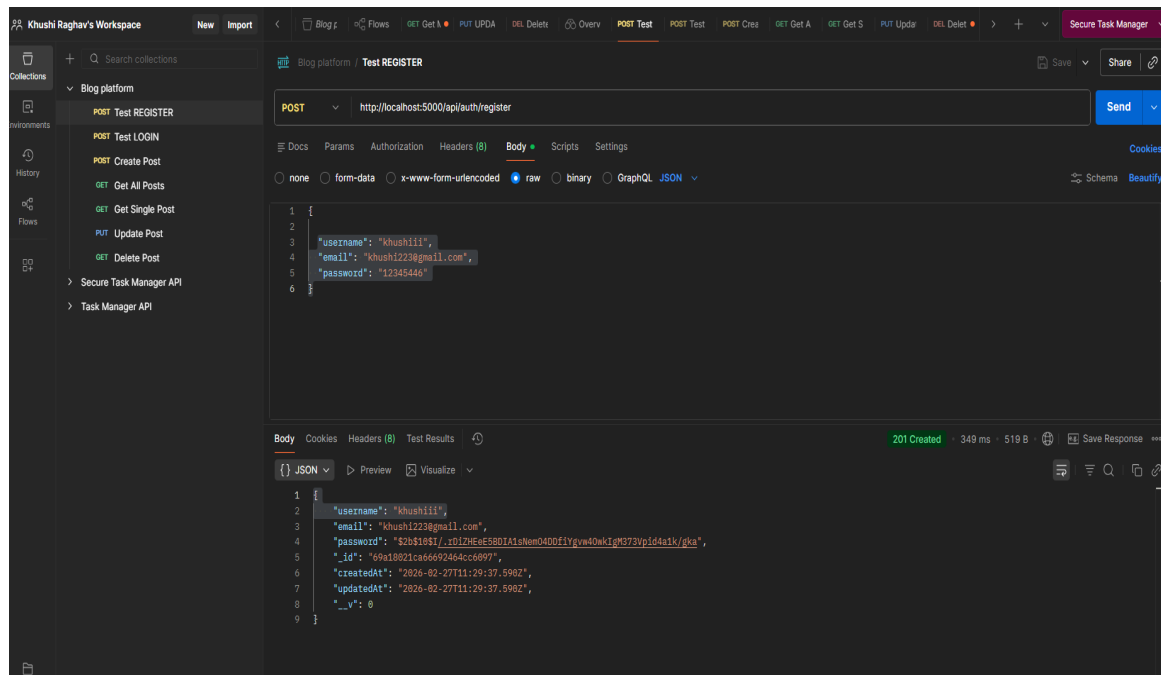# Blog Platform API Testing Report

Prepared by

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This report demonstrates API testing performed using Postman for a MERN-based Blog Platform application.

# User Registration API (POST /api/auth/register)

This endpoint is used to register a new user by providing username, email, and password. The successful response confirms account creation and stores user credentials securely.

User Login API (POST /api/auth/login)
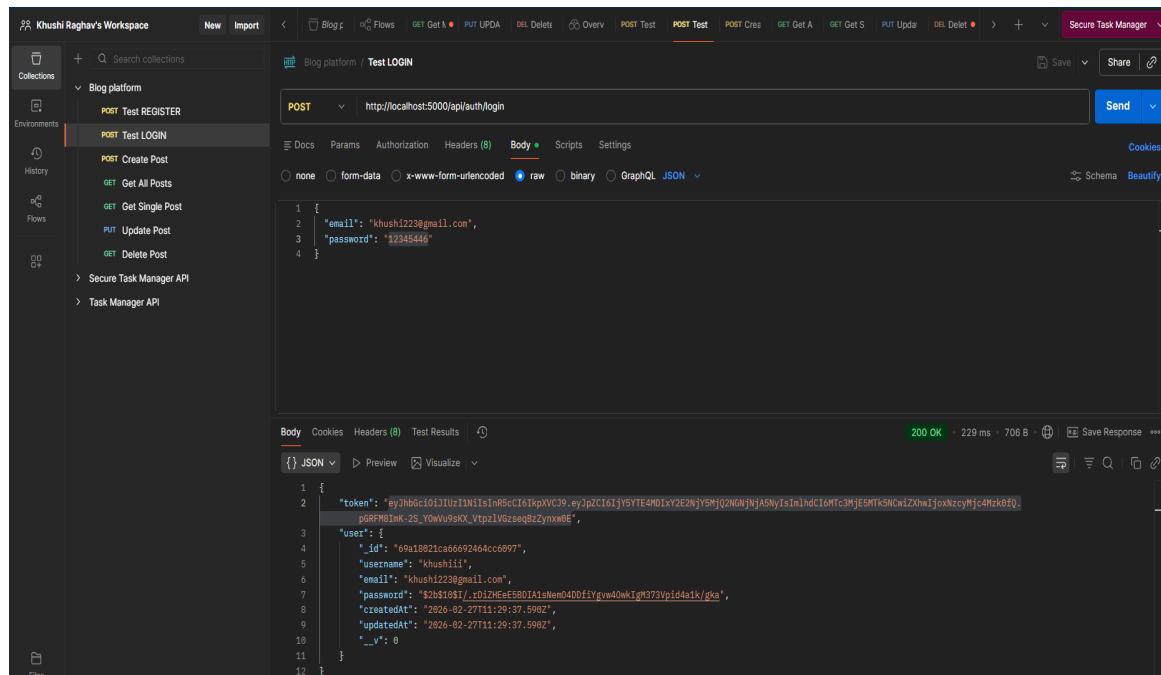
This endpoint authenticates users using email and password. On successful login, a token is generated which is used for authorized operations within the application.

Create Post API (POST /api/posts)
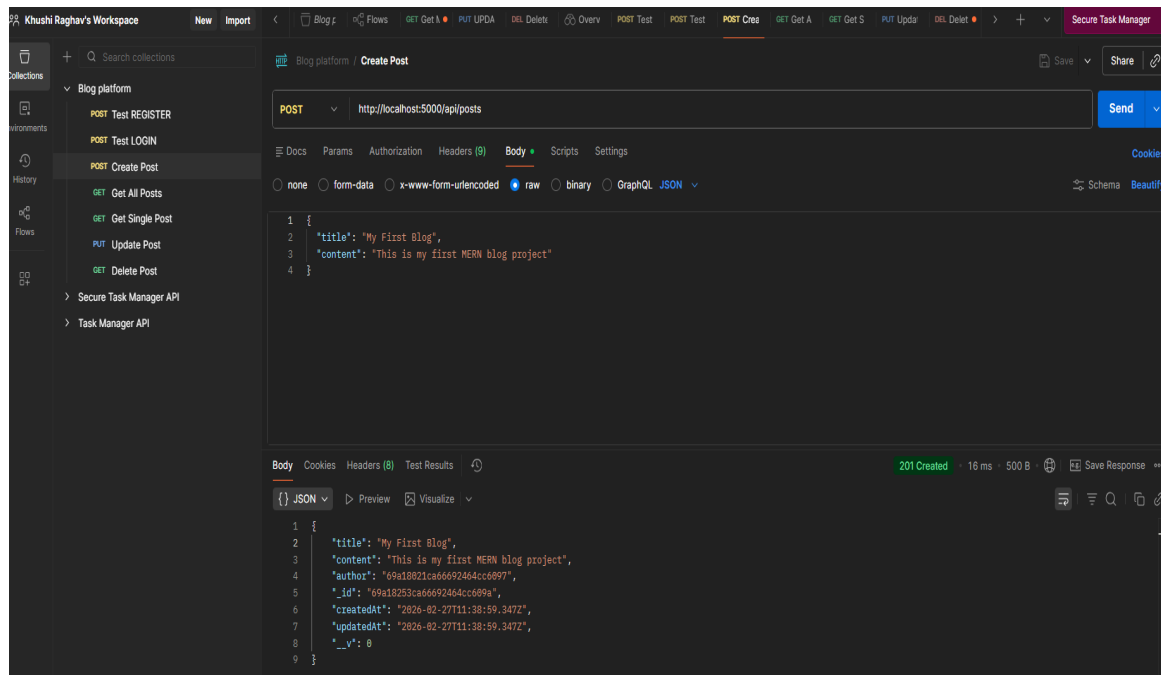
This API allows authenticated users to create new blog posts by submitting a title and content. The response confirms successful post creation.

Get All Posts API (GET /api/posts)
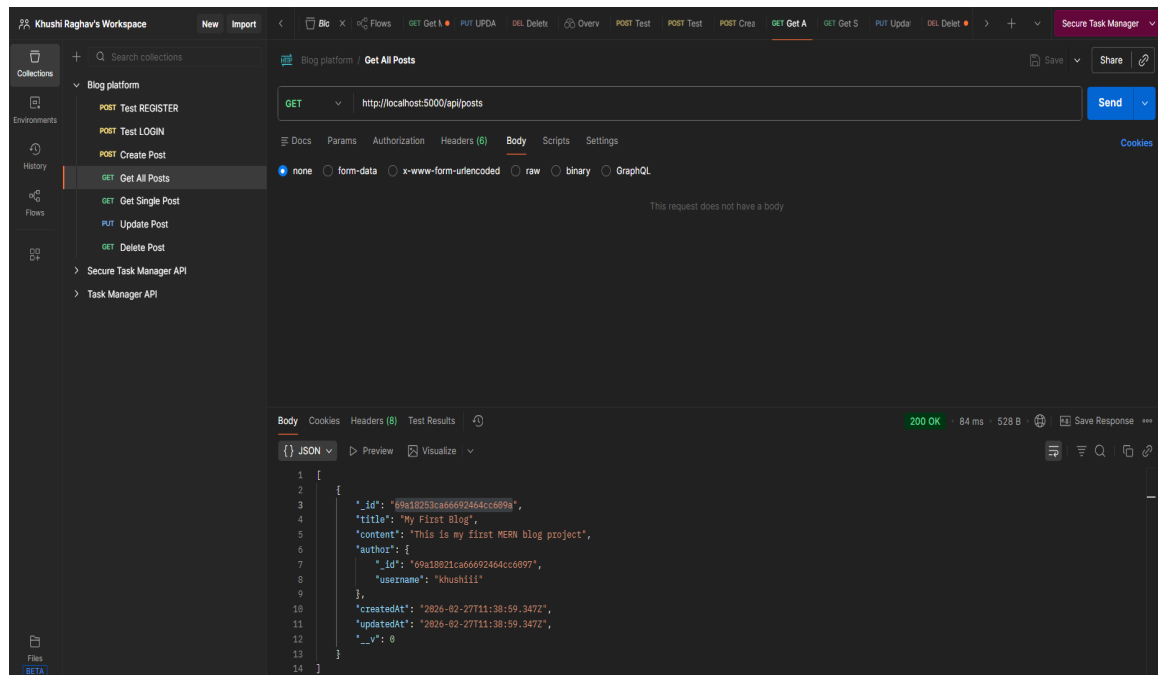
This endpoint retrieves all blog posts stored in the database, displaying details such as title, content, author, and timestamps.

Get Single Post API (GET /api/posts/:id)
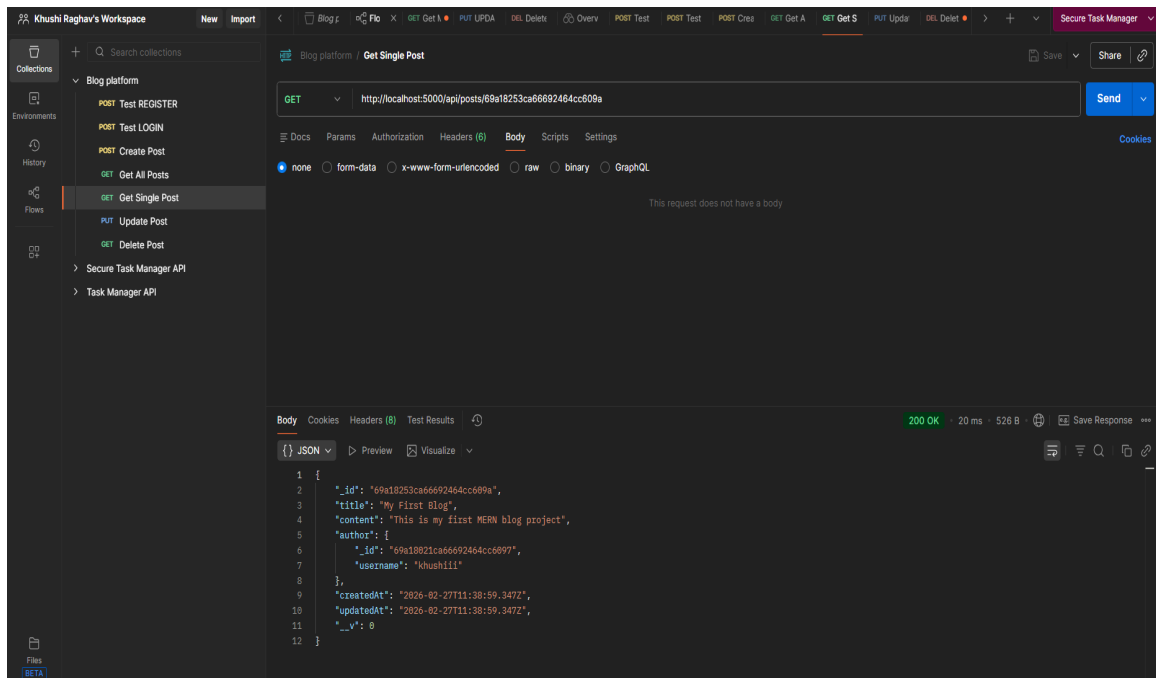
This API fetches a specific blog post using its unique ID, allowing users to view detailed information about a selected post.