**Project Documentation: Assignment Management System**

The Assignment Management System enables users to register and upload assignments, while admins can log in, view uploaded assignments, and approve or reject them. The project is a Node.js-based backend application using MongoDB for data storage and JWT for authentication.

**Technologies Used**

* Backend: Node.js, Express.js
* Database: MongoDB
* Authentication: JSON Web Tokens (JWT)
* Testing: Postman/Curl
* Environment Management: dotenv

**Prerequisites**

Ensure you have the following installed:

* Node.js (v14+)
* MongoDB
* Postman ( for API testing)

**Setup Guide**

**1. Cloning the Repository**

**Clone the repository to your local machine:** https://github.com/Darshmittal/Assignment-Submission-Portal.git

**2. Installing Dependencies**

**Install the necessary Node.js packages:**

**npm install**

**3. Environment Variables Configuration**

**Create a .env file in the root directory and add the following configuration:**

PORT=5000

MONGO\_URI= <YOUR\_MONGODB\_URL>

JWT\_SECRET= yourJWTSecret

ADMIN\_SECRET\_KEY=SuperSecretKey1235495789425!

**Running the Project**

Start the server using the following command: npm start

The server will run at <http://localhost:5000>.

**API Documentation**

**User Endpoints**

**1. User Registration**

* Endpoint: /users/register
* Method: POST

**CURL:**

curl --location 'http://localhost:5000/users/register' \

--header 'Content-Type: application/json' \

--data-raw '{

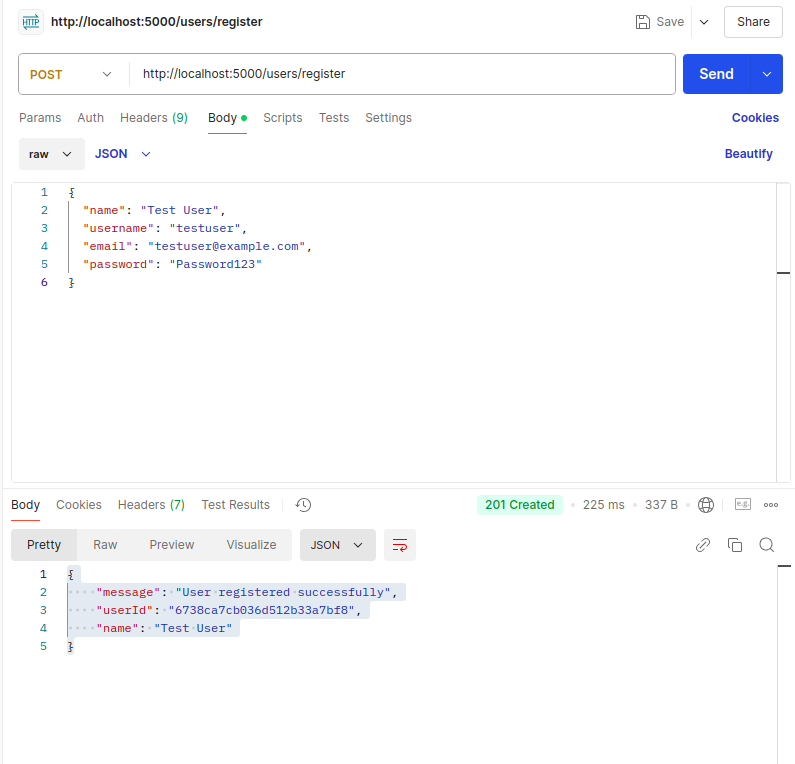
"name": "Test User",

"username": "testuser",

"email": "testuser@example.com",

"password": "Password123"

}'



**2. User Login**

Endpoint: /users/login

Method: POST

**CURL:**

curl --location 'http://localhost:5000/users/login' \

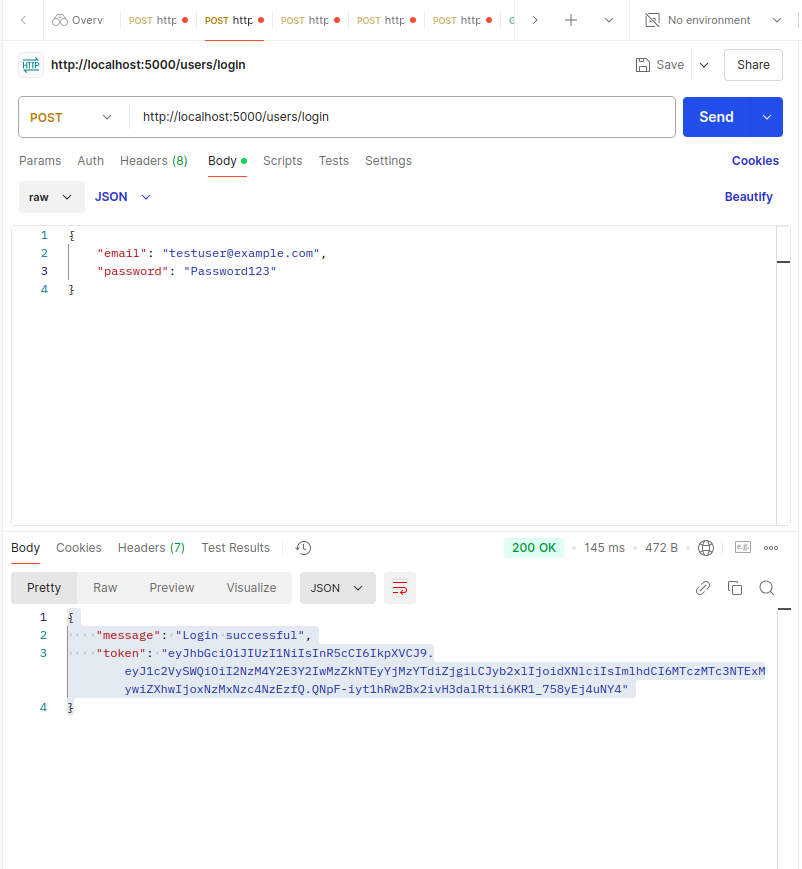
--header 'Content-Type: application/json' \

--data-raw '{

"email": "testuser@example.com",

"password": "Password123"

}'



**3. Upload Assignment**

* Endpoint: /users/upload
* Method: POST

**CURL:**

curl --location 'http://localhost:5000/users/upload' \

--header 'Content-Type: application/json' \

--header 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2NzM4Y2E3Y2IwMzZkNTEyYjMzYTdiZjgiLCJyb2xlIjoidXNlciIsImlhdCI6MTczMTc3NTExMywiZXhwIjoxNzMxNzc4NzEzfQ.QNpF-iyt1hRw2Bx2ivH3dalRtii6KR1\_758yEj4uNY4' \

--data '{

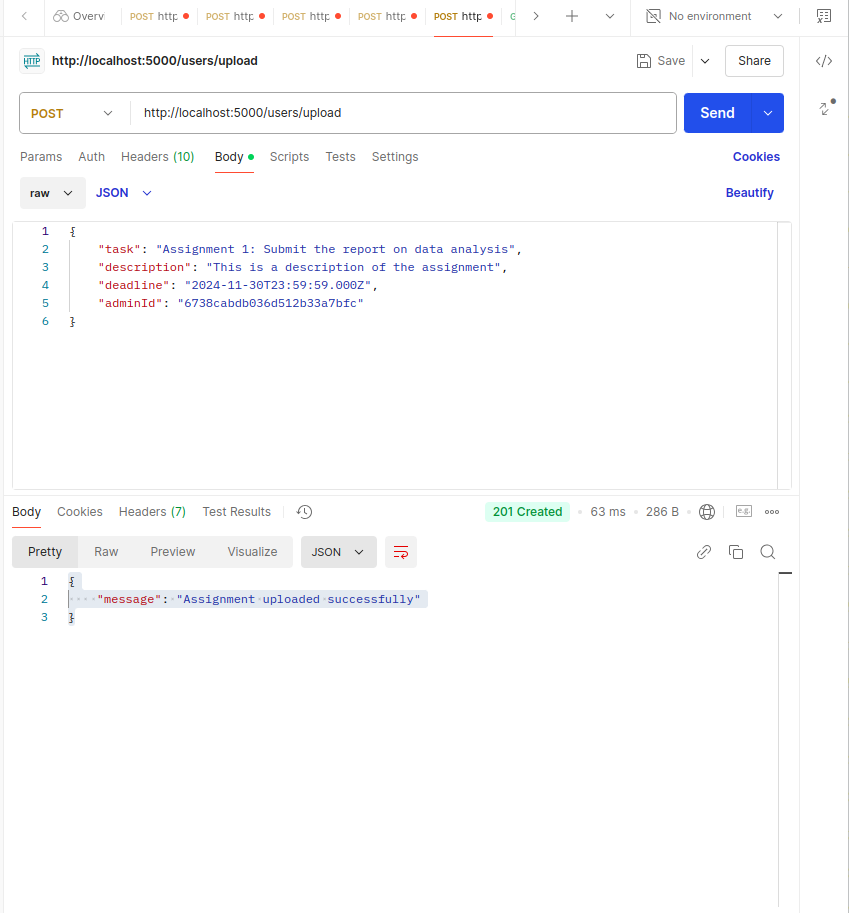
"task": "Assignment 1: Submit the report on data analysis",

"description": "This is a description of the assignment",

"deadline": "2024-11-30T23:59:59.000Z",

"adminId": "6738cabdb036d512b33a7bfc"

}'



**Admin Endpoints**

**1. Admin Registration**

* Endpoint: /admins/register
* Method: POST

**CURL:**

curl --location 'http://localhost:5000/admins/register' \

--header 'Content-Type: application/json' \

--data-raw '{

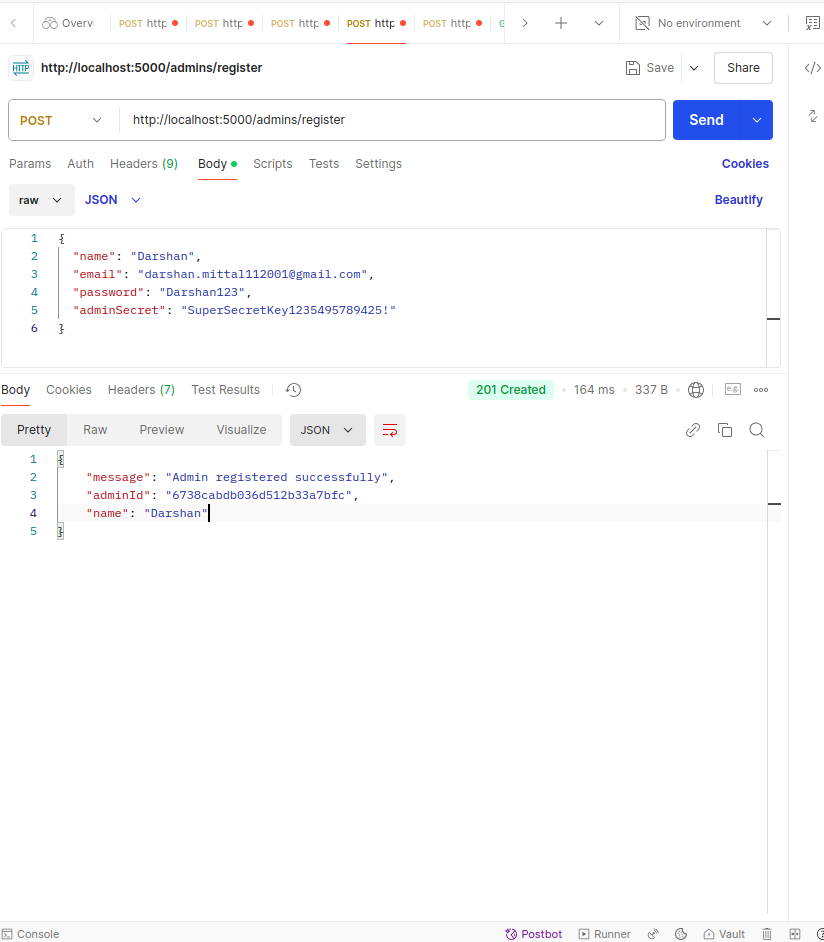
"name": "Darshan",

"email": "darshan.mittal112001@gmail.com",

"password": "Darshan123",

"adminSecret": "SuperSecretKey1235495789425!"

}'



**2. Admin Login**

* Endpoint: /admins/login
* Method: POST

**CURL:**

curl --location 'http://localhost:5000/admins/login' \

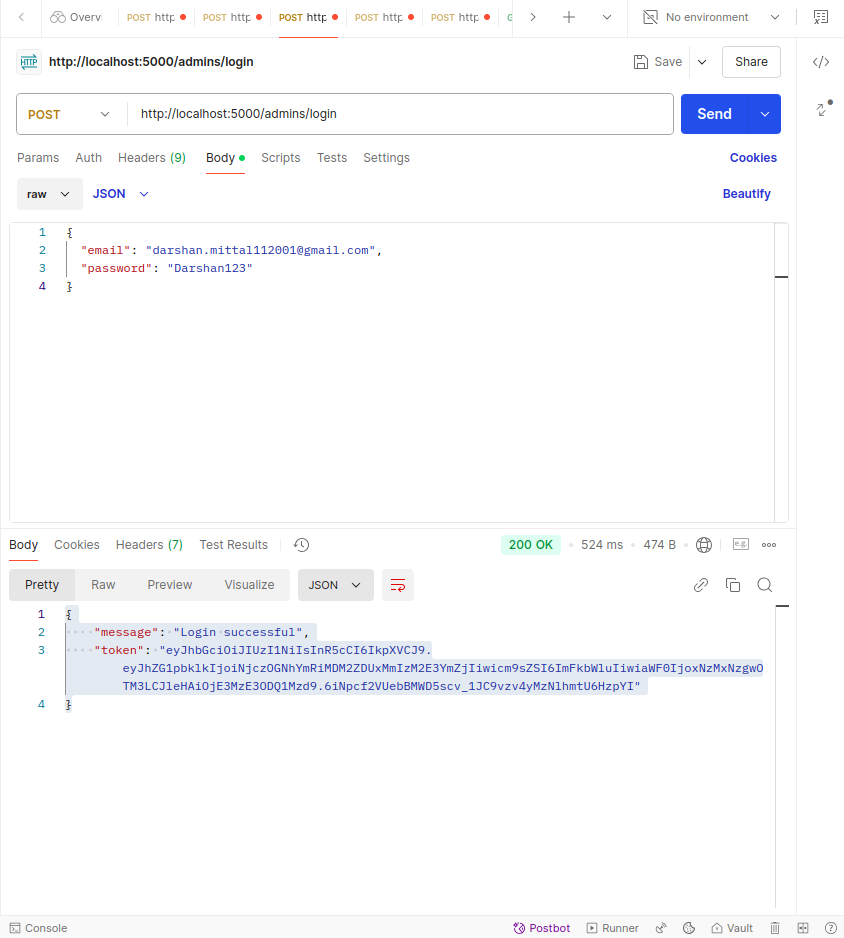
--header 'Content-Type: application/json' \

--data-raw '{

"email": "darshan.mittal112001@gmail.com",

"password": "Darshan123"

}'



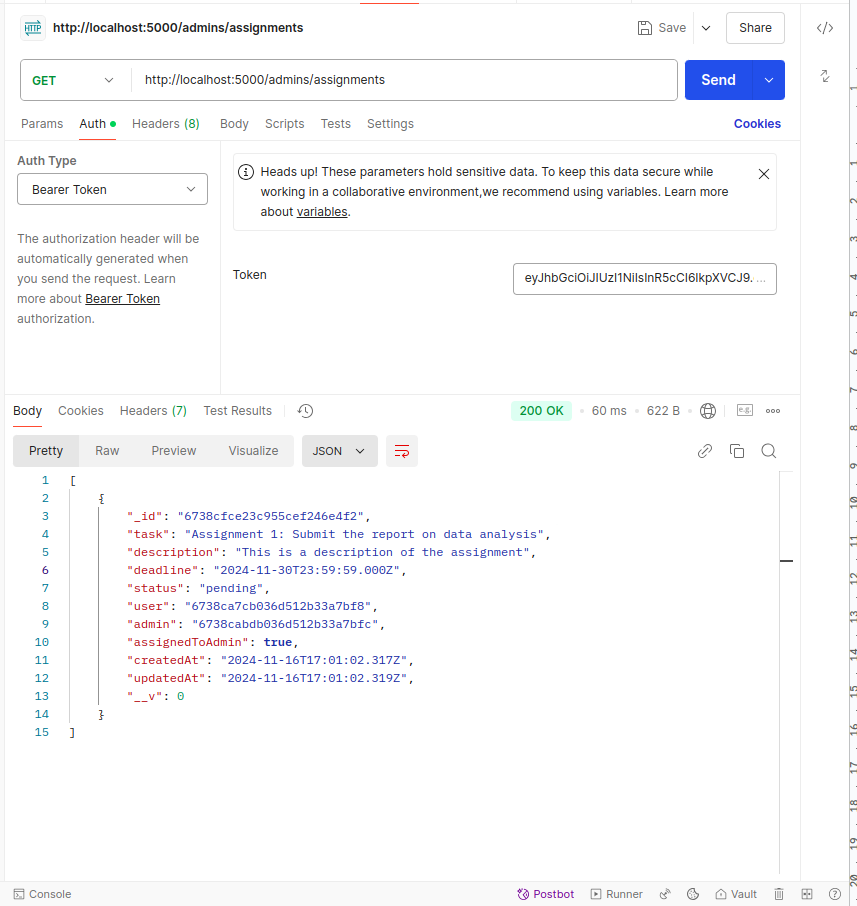
**3. Get All Assignments**

* Endpoint: /admins/assignments
* Method: GET

**CURL:**

curl --location 'http://localhost:5000/admins/assignments' \

--header 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhZG1pbklkIjoiNjczOGNhYmRiMDM2ZDUxMmIzM2E3YmZjIiwicm9sZSI6ImFkbWluIiwiaWF0IjoxNzMxNzgwOTM3LCJleHAiOjE3MzE3ODQ1Mzd9.6iNpcf2VUebBMWD5scv\_1JC9vzv4yMzNlhmtU6HzpYI'



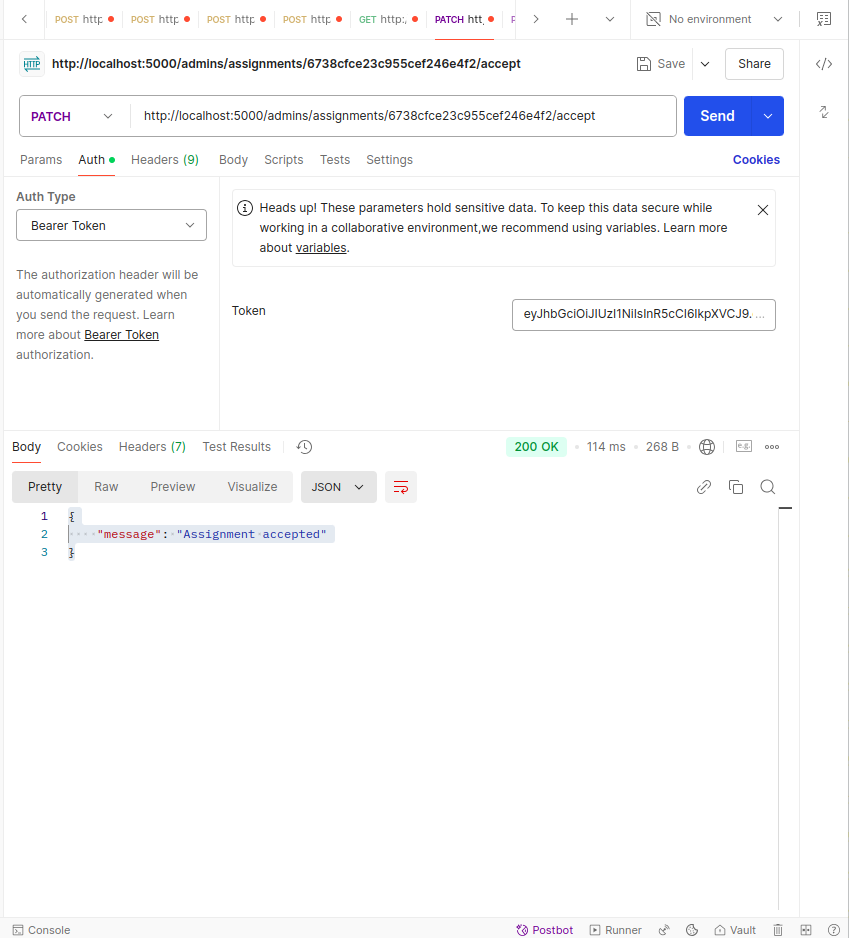
**4. Accept Assignment**

* Endpoint: /admins/assignments/:id/accept
* Method: PATCH

**CURL:**

curl --location --request PATCH 'http://localhost:5000/admins/assignments/6738cfce23c955cef246e4f2/accept' \

--header 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhZG1pbklkIjoiNjczOGNhYmRiMDM2ZDUxMmIzM2E3YmZjIiwicm9sZSI6ImFkbWluIiwiaWF0IjoxNzMxNzgwOTM3LCJleHAiOjE3MzE3ODQ1Mzd9.6iNpcf2VUebBMWD5scv\_1JC9vzv4yMzNlhmtU6HzpYI'



**5. Reject Assignment**

* Endpoint: /admins/assignments/:id/reject
* Method: PATCH

**CURL:**

**curl --location --request PATCH 'http://localhost:5000/admins/assignments/6738cfce23c955cef246e4f2/reject' \**

**--header 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhZG1pbklkIjoiNjczOGNhYmRiMDM2ZDUxMmIzM2E3YmZjIiwicm9sZSI6ImFkbWluIiwiaWF0IjoxNzMxNzgwOTM3LCJleHAiOjE3MzE3ODQ1Mzd9.6iNpcf2VUebBMWD5scv\_1JC9vzv4yMzNlhmtU6HzpYI'**

