TASK MODULE ASSIGNMENT DOCUMENTATION

## **Virtual Environment Setup**

## **Create a virtual environment: python -m venv env**

## **Activate the environment: source env/bin/activate**

## **Install dependencies: pip install -r requirements.txt**

## **Run the development server: python manage.py runserver**

## **JWT Token Refresh**

### **POST /api/token/refresh/**

**Request:**

{

"refresh": "refreshToken"

}

**Response:**

{

"access": "new access token"

}

### **POST /register/**

**Request:**

{

"username": "xyz",

"password": "pass1234",

"role": "OWNER"

}

**Response:**

{

"username": "xyz",

"role": "OWNER"

}

### **POST /login/**

**Request:**

{

"username": "xyz",

"password": "pass1234"

}

**Response:**

{

"access": "eyJ...",

"refresh": "eyJ..."

}

### **GET /tasks/**

Returns a list of all tasks.

### **GET /tasks/<id>/**

Returns details of a specific task by ID.

### **POST /tasks/**

**Request:**

{

"title": "New Task",

"description": "Write tests",

"completed": false,

"owner": 3

}

**Response:**

{

"id": 1,

"title": "New Task",

"description": "Write tests",

"completed": false,

"owner": 3

}

### **PUT /tasks/<id>/**

**Request:**

{

"title": "Updated Title"

}

**Response:**

{

"id": 1,

"title": "Updated Title",

"description": "Write tests",

"completed": false,

"owner": 3

}

### **DELETE /tasks/<id>/**

Deletes the task.