API Coding Challenge(Duration: 3 hours)

1. Create a RESTful API using Spring Boot for managing tasks. Each task should have the following attributes:

- Task ID

- Title

- Description

- Due Date

- Priority (Low, Medium, High)

- Status (Pending, In Progress, Completed)

The API should support the following operations:

- Retrieve all tasks.

- Retrieve a single task by its ID.

- Add a new task.

- Update an existing task.

- Delete a task by its ID.

2. Add login using JWT Authentication

3. Add unit tests to test the api

Requirements:

- Use Spring Boot/Enity Framework/Django/Express JS for building the REST API.

- Utilize a database to store data.

- Implement proper error handling and validation for input data.

- Use appropriate HTTP methods (GET, POST, PUT, DELETE) for each operation.

- Test the API with postman functionality of the API endpoints.