E-Notes Project

Technology Stack:

Backend – Spring Boot REST, JPA, AOP, Logging, Actuator, Security, OAuth Login, Caching, Junit & Mockito, Sonar cube, JMeter, Swagger, Schedular

Frontend – Angular / React

DB – MySQL

Tools – GitHub, STS

Deploy Server- AWS

Functionality & Features:

1. **User Authentication and Authorization**:
   - User Registration (with email verification).
   - User Login (JWT-based token authentication).
   - Role-based access control (Admin, User)

2. **Notes Management**

   - Create, update, and delete categories.
   - View and filter notes by category.
   - Create, edit, and delete notes.
   - Save notes with file attachments (PDF, images, etc.)
   - Display or download attached files within notes.
   - Paginated view for notes.
   - Search for notes (search by title, content, category, etc.)
   - Mark notes as favorite.
   - View a list of favorite notes.
   - Copy Notes
   - Export All Notes and Single Notes in Excel or PDF format

3. **Todo Management**

- Create, edit, and delete tasks.
- Assign priority levels to tasks (Low, Medium, High)
- Set task statuses like "To-Do", "In Progress", and "Completed".
- Set reminders for upcoming tasks (push notifications, email reminders).

Thank You