Volunteer Management Portal

Domain: NGO / Social Impact

Objective: Build a mini portal for managing volunteers with login, CRUD operations, and event viewing.

Tech Stack

- Frontend: Angular

- Backend: Node.js (Express)

- Database: PostgreSQL

- Authentication: JWT-based login

- Logging: Console or Winston

- Testing: Jasmine/Karma (Angular), Jest (Node.js)

Key Features

- Login / Logout (JWT-based)

- CRUD operations for main entities

- Filterable tables for viewing data

- Graceful error handling & UI messages

- Basic logging of actions and failures

- Form validation for inputs like email and phone

Evaluation Criteria

- Angular forms and validations

- API integration with error handling

- Backend route logic and DB queries

- JWT-based auth with route protection

- Unit testing on frontend and backend