VTTP Batch 1 CSF Mini Project

Write an address book application. The application contains the following parts

- the frontend is developed in Angular
- the backend is developed in SpringBoot
- data is persisted to either MySQL or Redis

The Angular application consist of a single view with 2 functions; adding a new contact and listing all your contacts

Add a New Contact

Angular will display the view below when the Add button is pressed. After all the fields have been filled, the Angular application will send the contact details to the backend SpringBoot application to be persisted into the contact database.

Once a contact has been successfully added, the view will change to the contact lists.

List all Contacts

List all gets a list of all the contacts from the backend. The contacts are listed in a table as shown below

You can optionally allow a user to delete a contact.

Requirements

The following are not 'hard' requirements but will add some challenge to this project
- Use a mono repo to create this project
- Create the list contacts and add a contact as Angular components
- Create a service to interact with SpringBoot, that is all communications with SpringBoot goes through this service
- Use Bootstrap CSS for the HTMLs
- Create a semi PWA
- Deploy Angular to Vercel, SpringBoot to Heroku. You will need an online database. If you are using Redis, you can use the free Redis from https://app.redislabs.com/.
  If you are using MySQL there are some free MySQL hosting which you can try. Google 'free mysql hosting'

You can reach me on Slack if you have any questions.