

Background

The most common use of Angular Frontends is using CRUD APIs to save and view data. We want you to create a Angular application to view a list of records, add records and edit records.

For the initial load of the person list please a http request to the attached persons.json, the edit/add methods doesn't need to be saved in the Json file(just in browser memory).

Assignment

We want you to create a Angular application that has the following areas. You may use any CSS like bootstrap to make the pages look nice.

Form to create and Edit a Person

- The form should have fields for Name, Birthday, Email and Occupation.
- Add validation for Email, this should be a valid email address.

List of Persons

- On this page show the Name, Email, Occupation and Age (not date of birth) of the person. To show the age, you should create a pipe.
- Clicking on the name of any person should open the form to edit the details
- Show the list in a "card" format rather than a simple list. (CardView should be a custom component with input parameters).

Optional Bonus:

- Application written in Angular 17.
- Making use of Angular 17 Signals
- Stand-Alone components
- Implement a search function.

Guidelines:

Use Angular best practices, modularize the code, and follow a component-based architecture.

Properly error handling.

Write clear and concise code with meaningful comments where necessary.