

## Angular Test

Create a posts application that meets the following requirements:

### 1. Data

- a. **Source:** Use <https://github.com/typicode/json-server> to create a fake API to gather the data or any backend of your preference.
- b. **Post Structure:** The post must have an ID, title, content, author, image and created\_at

### 2. Angular Application

- a. Use Angular version 18 or 19
- b. Use SSR
- c. Use SCSS
- d. Use standalone mode (not modules)
- e. Use new flow syntax (if, else, for)
- f. Use providers
- g. Use lazy loading routes
- h. Avoid using any as possible
- i. Add the type for the required data

### 3. Pages

- a. Create a layout component that will be shared for all of the pages
- b. Create an article preview list page
  - i. Every article should be a child component of the page
  - ii. Use a pipe for truncating the text at 200 characters length
- c. Create an article detail page
  - i. Use the date pipe to format the creation date of the article
- d. Create an article add form page:
  - i. Use reactive forms
  - ii. Add validations
  - iii. Handle errors before submits
- e. Create a dummy page that calls the console log on the constructor, and make that message appear only on the server side.

### 4. Services

- a. Create an Api Service with simple CRUD for managing the data on the app
- b. When calling the service, use Rxjs
- c. When subscribing, use async pipe with the if directive
- d. When getting data, save the response on a property of the component using the service, use map or tap
- e. Ensure the memory leaks got cleared with takeUntilDestroyed or takeUntil

### 5. Interceptors

- a. Add an HTTP Interceptor that logs the URL of the request

## 6. Styling

- Follow this example mockup to design the components and pages:



- The app must apply fluid responsive design (Changing viewport size with dev tools should maintain a responsive design as much as possible)
- Use NG Bootstrap
  - Install Ng Bootstrap (angular powered bootstrap, no just bootstrap)
  - Import just the used bootstrap components on the stylesheet
  - Customize at least 1 Sass variable
  - Create a custom class that uses Bootstrap CSS variables and use it on any part of the application
- Use TailwindCSS
  - Add a custom prefix
  - Create a simple card component with tailwind classes and use it to display the preview of the articles
- e.

## 7. Build

- You must build the app and run the build without errors