Angular Coding Challenge

Develop a single page application using Angular framework (minimum version 8) that implements a simple Blog using the APIs provided by https://jsonplaceholder.typicode.com. You can also use the local version of the APIs by running the server locally https://github.com/typicode/json-server

Description

A Blog is a collection of Posts.

A Post has the following properties:

- id unique identifier for the Post
- · userId the id of the user who created the Post
- title the title of the Post
- · body the content of the post

Each Post could have zero or more Comments. A Comment has the following properties:

- id
- postld
- name
- email
- body

Specifications

The application is composed by:

- A simple login page with a form (username, password, and login button) that allows a user to authenticate, and prevent unauthorized
 users to navigate to other pages. For simplicity, login credentials can be hard-coded directly on the login service.
- A page that shows the list of all Posts, in particular only the Post's title and the name of the author, and a preview of the body (one line).
 By clicking on a Post, the user is redirected to the Post's details page.
- · A page that shows the details of a Post including title, author name, body, and the list of the related comments.
- A form with a text area and a button at the bottom of the Post's details page to allow the user to insert a new comment. The new
 comment must be sent to the server using the right POST API and then added after the other comments.

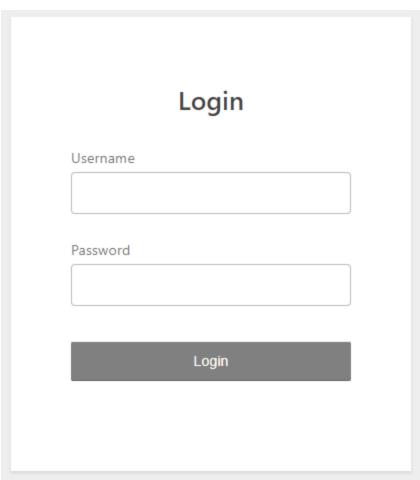
REQUIREMENTS

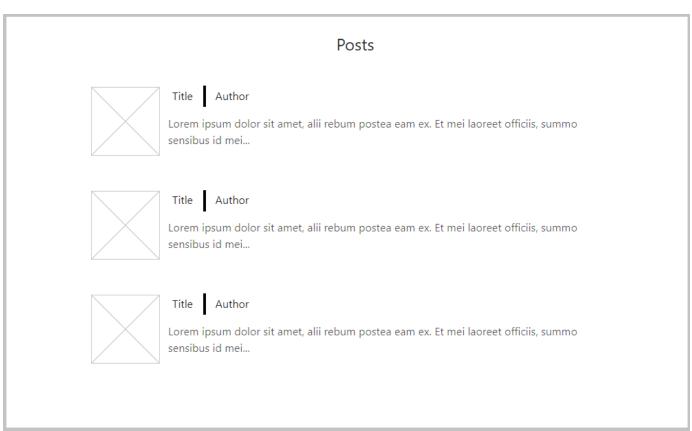
- The layout must follow the one attached
- Use Flexbox for styling the application layout
- Use a loader indicator or the skeleton pattern to handle the loading state (e.g. data fetch via API)
- Handle error and empty states of API calls
- Use services to encapsulate the business logic of the application
- Code must be readable, reusable, and well documented

NICE TO HAVE (OPTIONAL)

- Use one of the following UI libraries:
 - Angular Material (https://material.angular.io)
 - Ng-Bootstrap (https://ng-bootstrap.github.io)
- · In the Post details page, add an auto-generated avatar for the author of a comment using it's initials
- Add a "remember me" flag on the login page to keep the user logged in using cookies; the user should then be able to logout from the Posts page.

UI layout







Post Title

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Comments	
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	Label Lorem ipsum dolor sit amet, alii rebum postea eam ex. Et mei laoreet officiis, summo sensibus id mei.
	Label Lorem ipsum dolor sit amet, alii rebum postea eam ex. Et mei laoreet officiis, summo sensibus id mei.
Add a comment	
TextArea	

Send