Technical Exercise - Angular Blog

Objective

Develop a static blog web application using Angular. The app should focus on a good user experience, follow best practices, and apply key Angular concepts such as routing, components, services, and communication using inputs/outputs.

Functional Scope (Minimum Required)

1. Landing page (`/`):

   - Displays a list of blog posts (minimum of 5).

   - Each post should have: title, date, summary, and image.

   - The layout must be responsive and visually clean.

2. Post detail page (`/post/:id`):

   - Displays the full post: title, date, featured image, and content.

   - Include a back option to return to the home page.

3. Navigation menu:

   - Persistent component with a link to the home page.

   - Include a logo or blog title.

Technical Requirements

- Style framework (choose one):

  - Angular Material

  - Bootstrap

  - Bulma

- Required Angular features:

  - Use of @Input() and @Output() in at least one component.

- Use of services to manage blog post data (mocked in a `.ts` file).

- Routing between views.

- Modular code organization.

- Optional extras (bonus):

  - Component to filter posts by title.

  - Angular animations.

  - Save last viewed posts in localStorage.

Evaluation Criteria

- Good visual and responsive design.

- Clear and modular project structure.

- Proper use of Angular CLI, components, services, inputs/outputs, and routing.

- Clean code with comments and best practices.

- Proper use of the selected style framework.

- Clear instructions to run the project (README).

Submission

- Submission deadline: Wednesday, May 21, 2025 at 11:59 p.m.

- Submission format: upload the project to a public repository.

- Send the repository link to: enrique.gutierrez@sithec.com.mx