

HARTING Coding Challenge Documentation

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1. Project Overview

This project is a Single Page Application (SPA) built using Angular. It utilizes Angular's component-based architecture to structure the application into reusable and maintainable components.

2. Features

- Component-based architecture
- Routing between different views
- Responsive UI design
- Use of Angular CLI for project setup and management

3. Technologies Used

- Angular 19
- TypeScript
- SCSS
- HTML5 & CSS3

4. Folder Structure

- src/ - Main source code
- └─ app/ - Application-specific modules and components
- └─ assets/ - Static assets
- └─ styles.scss - Global styles
- └─ main.ts - Bootstrap file

5. Installation & Setup

To set up the project locally, follow these steps:

1. Ensure Node.js and Angular CLI are installed
2. Run `npm install` to install dependencies
3. Run `ng serve` to start the development server
4. Open `http://localhost:4200/` in your browser

6. Usage

Navigate through the application to explore different components, routes, and UI elements. Modify or extend components via the `src/app` directory.

7. Screenshots

Home Page



House Detail Page



Character Detail Page

