

Real Estate Platform Documentation

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1. Introduction

Overview

The Real Estate Platform is a web application developed using Spring Boot for the backend, Thymeleaf for the frontend, and follows a Model-View-Controller (MVC) architecture. It provides users with the ability to list their properties for sale, manage their listings, and receive feedback through a suggestion box.

Technologies Used

- Spring Boot
 - Thymeleaf
 - HTML/CSS
 - Java
 - MySQL (or your preferred database)
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2. Getting Started

Installation

1. Clone the repository: `git clone https://github.com/your-username/real-estate-platform.git`
2. Navigate to the project directory: `cd real-estate-platform`
3. Build and run the application: `./mvnw spring-boot:run` (or `mvn spring-boot:run` if Maven is installed)
4. Access the application in your browser: `http://localhost:8080`

Configuration

1. Configure the application properties in application.properties file.
 2. Set up the database connection details.
 3. Customize security settings and other application parameters.
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3. Pages and Functionality

Login and Signup

Login

- **Path:** /login
- Users can log in using their credentials.
- Authentication is managed securely using Spring Security.
- Unauthorized users are redirected to the login page.

Signup

- **Path:** /signup
- New users can register for an account.
- The registration form collects essential user details.
- Passwords are securely hashed and stored in the database.

Property Registration

Register Property

- **Path:** /register-property
- Authenticated users can register their properties for sale.
- The form captures property details such as name, location, price, etc.
- Property information is stored in the database.

Property Listing and Admin Panel

Property Listing

- **Path:** /property-listing
- Authenticated users can view a list of their listed properties.
- Each property is displayed with relevant details.
- Users can edit or delete their listings.

Admin Panel

- **Path:** /admin
 - Accessible only to admin users.
 - Admins can update or delete any property listing.
 - Admins can view feedback and suggestions submitted by users.
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This documentation provides a high-level overview of the Real Estate Platform web application. Refer to the codebase and further internal documentation for more detailed information on each component. Customize this documentation based on the specific features and details of your application.