

## README

Group-9: Adapting-Solutions

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### How to run the code

1. Please ensure you have Visual Studio 2022 downloaded for Windows 10 or Visual Studio 2022 Beta for MacOS. The following instructions assume the Windows 10 version of Visual Studio 2022.
2. Open up the Blazor project by navigating in Visual Studio by going to File > Open > Project/Solution and open `BlazorApp1.sln` located in `BlazorApp1\BlazorApp1.sln`.
3. To run the application please hit the green play button which should bring up a webpage running at <https://localhost:7289/>.

### Relevant file structure

BlazorApp1/Client

|\_\_

wwwroot

|\_\_

contains images for our pages in `images` folder and in the wwwroot folder as well

Pages

|\_\_

Appointment.razor

Appointment.razor.css

Compare.razor

Compare.razor.css

Favourites.razor

Favourites.razor.css

Homepage.razor

Homepage.razor.css

Login.razor

Login.razor.css

Mortgage.razor

Mortgage.razor.css

Price\_Results.razor

PropertyDetail.razor

PropertyDetail.razor.css

PropertyDetail1.razor

PropertyDetail1.razor.css

PropertyDetail2.razor

PropertyDetail2.razor.css

PropertyDetail3.razor

PropertyDetail3.razor.css

PropertyDetail4.razor

PropertyDetail4.razor.css

PropertyDetail5.razor  
PropertyDetail5.razor.css  
PropertyDetail6.razor  
PropertyDetail6.razor.css  
PropertyMortgage.razor  
PropertyMortgage.razor.css  
Search\_Results2.razor  
Search\_Results2.razor.css  
SearchResults.razor  
Signup.razor  
Signup.razor.css  
Sort\_Search\_Results.razor  
TrackedListings.razor  
TrackedListings.razor.css  
Tracking.razor

#### Shared

|—  
MainLayout.razor  
NavMenu.razor  
NavMenu.razor.css

### **Cases/functions implemented**

1. Property details
  - . Property description
  - a. Schedule viewings
  - b. Booking appointments with realtor
  - c. Integrated mortgage calculator
  - d. Map of nearby amenities
  - e. Tracking listing
  - f. Favourite properties
  - g. Track neighbourhood
2. Homepage
  - . Icons for different property type, search type by clicking on icon
- a. Featured properties
3. Search page
  - . Filter options by property category, location price and square ft
- a. Search bar
- b. Sorting by price, relevance, square ft and date listed
- c. Compare function to compare properties
4. Appointments
  - . View/cancel upcoming appointment
5. Favourites
  - . View/remove favourites
6. Track neighbourhoods
  - . View trends in the neighbourhood
- a. Retains active filters to show results of those filters within the neighbourhood

7. Login
- a. Login, signup, logout

**Walkthrough instructions, Please follow step by step**

1. Navigate to `Homepage`
2. Click `Duplex`
3. Search `Calgary`
4. Sort `Price (High to Low)`
5. Remove `Location: Calgary` from active filters
6. Click on first, second and fifth `Compare` button
7. Click `Compare Properties`
8. Click `View this listing` of the third property
9. On the property details page, you may enter in information to book an appointment and also enter in numeric values to calculate mortgage
10. You can also click on the maps to see the nearby amenities
11. Click `Track Neighbourhood` to view the trackings page
12. Click `Untrack` in the tracking page to go back to the listing
13. Click on favourites on the navigation menu to view favourite properties
14. Click on appointments to see appointments you have

**Other functionalities instructions**

1. Click the `Login` and enter string details to login
2. Click `Sign Up` button on the login page to go to the sign up page
3. After Login and Signup you can log out by click on the logout icon in the nav bar
4. Contact us page leads to the CIR Realty contact us