**README**

Group-9: Adapting-Solutions

Group members: Harprabh Gill, Ahad Hamirani, Manjot Khangura, Jiaxin Guo, Adarsha Kanel

**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
   1. Property description
   2. Schedule viewings
   3. Booking appointments with realtor
   4. Integrated mortgage calculator
   5. Map of nearby amenities
   6. Tracking listing
   7. Favourite properties
   8. Track neighbourhood
2. Homepage
   1. Icons for different property type, search type by clicking on icon
   2. Featured properties
3. Search page
   1. Filter options by property category, location price and square ft
   2. Search bar
   3. Sorting by price, relevance, square ft and date listed
   4. Compare function to compare properties
4. Appointments
   1. View/cancel upcoming appointment
5. Favourites
   1. View/remove favourites
6. Track neighbourhoods
   1. View trends in the neighbourhood
   2. Retains active filters to show results of those filters within the neighbourhood
7. Login
8. 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