**+Contributors:**

Trieu Huu Phuong

**1.Overall:** This document contains some first ideas for the Top Navigation Bar on the Main Page that I was thinking about on 04/02/2025, but I actually began writing this document on 04/05/2025 because of schedule constraint (I’m sorry).

**2.Ideas:**

I may look at the top navigation bar’s design from [www.homes.com](http://www.homes.com), [www.zillow.com](http://www.zillow.com), and [www.realtor.com](http://www.realtor.com) websites to create the content or this bar

**a)Tools:**

**a.1)Buttons:**

In our project, on the left side of this navigation bar, I just need 1 button (Menu).

**a.1.1)Algorithms – Logic:**

Menu button will open or close a dropdown menu with 6 items (Buy, Rent, Sell, Home Loans, Find an Agent, and About Us)

On the right side of the top navigation bar, I just need 2 buttons (Help, and Sign In)

**a.1.2)Technologies:**

**+Languages, APIs, Frameworks:** Java, JavaFX, CSS, FXML

**+Tools, Techniques:**

StackPane container: I want the dropdown menu to appear in front of the main page’s other contents

AnchorPane container: I want the top navigation bar and dropdown menu to be fixed at the top and the users still see it if they scroll the page down to read the main page’s other contents

BorderPane container: I want this container to be placed inside the AnchorPane or StackPane. The left region contains Menu button. The center region contains our company logo. The right region contains Sign-In and Help button.

I want some icons to these buttons in the BorderPane.

I want the top navigation bar to have white background color.