**\*Contributors to the plans for this document:**

- Trieu Huu Phuong

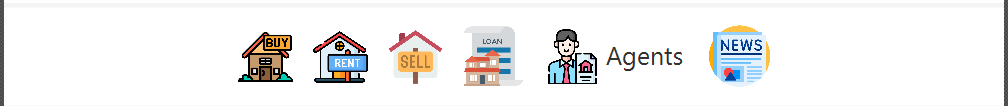
**\*Technologies, Tools, Pages, Features, Data, or anything that I will contribute:**

**+Main page Top Navigation Bar’s dropdown menu tab**

**1.Main page Top Navigation Bar’s dropdown menu tab**

According to document **RQT\_Real\_Estate/Design\_Plans\_Ideas/Project\_Ideas/MainPage\_Ideas/** **Phuong\_Ideas\_TopNavigationBar\_from\_04\_04\_to\_04\_05\_2025.docx**

The design of this dropdown menu tab looks like this on 04/05/2025:



The icons inside each button are from [www.flaticon.com](http://www.flaticon.com) website

**These buttons will show the aqua border when the users hover the mouse over it. I used -fx-border-color, -fx-border-width, and -fx-border-style.**

I made the borders’corners rounded a little with -fx-border-radius:30px

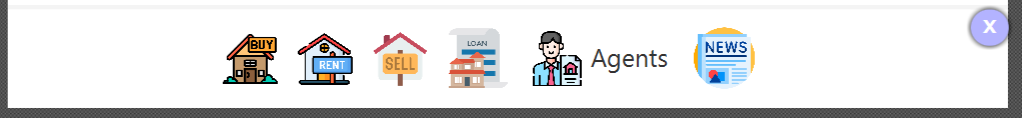
**A cartoon of a person and a house

AI-generated content may be incorrect.**

**A cartoon of a person and a house

AI-generated content may be incorrect.**

**I added close button at the right side of this tab like this on 04/05/2025 3:28:PM**

****

**I made the background color of the close button will change to red when the users hover the mouse over it**

**A red circle with white x in it

AI-generated content may be incorrect.**

At this point I was thinking about how to adjust the content at the center region of the main page so that I can scroll up and down. I wrote some more ideas into this document

**RQT\_Real\_Estate/Design\_Plans\_Ideas/Project\_Ideas/MainPage\_Ideas/** **Phuong\_Ideas\_TopNavigationBar\_from\_04\_04\_to\_04\_05\_2025.docx**

**After I removed the StackPane container from the AnchorPane container of the Top Navigation Bar**

**The project still works fine and looks like this**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Now** I need to make the dropdown menu tab disappear and only appear when the users click Menu button. In addition, if the users click the close button, this dropdown menu tab will disappear too

**After I finish writing code for that purpose, here’s the output on 04/05/2025 6:58:PM**

**A screenshot of a computer

AI-generated content may be incorrect.**

**If I click Menu Button=>**

**A screenshot of a computer

AI-generated content may be incorrect.**

**If I click the Menu button again or the close button =>**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Now I need to use animation effect to make the tab slide up or down here when the users click Menu button or close button**

I finished adding the animation effect that I mentioned above on 04/05/2025 7:43:PM by using TranslateTransition animation and made the dropdown menu tab slide down in 900 milliseconds after I clicked the Menu button

On 04/06/2025 I adjusted the content for the whole Top Navigation Bar and the Dropdown Menu Tab so that I used only VBox (HBox[for Top Navigation Bar], HBox[for Dropdown Menu Tab]) because I realized that I didn’t need StackPane and AnchorPane to help the Dropdown Menu Tab have slide down animation effect.

\*I noticed that everything worked fine except that the Dropdown Menu Tab just appear below the Top Navigation Bar immediately after I clicked Menu button. Luckily, if I clicked the Menu button other times, the Dropdown Menu Tab actually slided up and down like expected. I think I’m going to come back to fix this issue later after I finished designing the main page for our project because I have no more time for this. I may need other contributors’ helps too\*

According to document **RQT\_Real\_Estate/Design\_Plans\_Ideas/Project\_Ideas/MainPage\_Ideas/** **Phuong\_Ideas\_TopNavigationBar\_04\_07\_2025.docx,**

* I Figured out the solution for this issue on 04/07/2025 10:44:AM

Now the design of the tools for the Top Navigation Bar and Dropdown Menu Tab on my SceneBuilder app looks like this:

A screenshot of a computer

AI-generated content may be incorrect.

**To find out more about the code, please head to the document above**