

Link:

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1. Interaction Problem

- a. When clicked on an unimplemented feature, a blue box pop-up will display all clickable areas. It should never occur on real websites.
- b. The website will also scroll pages when the user attempts to scroll from left to right with a touch screen. When in the desktop setting, both web pages left and the right side will pop up an arrow for change pages. It is more similar to Microsoft PowerPoint interaction instead of a functional website. Usually, when browsing websites using mobile devices, if a user attempts to scroll from left to right, it means to go to the previous page. Still, this website makes it similar to Microsoft PowerPoint, making it harder to interact.
- c. The navigation bar indicated this website has the buy, sell, mortgage calculator and find an agent feature. However, these essential features are missing. Including these features in a real estate website is indispensable since buying a property is not just like buying an iPhone at Apple Store. Buyers cannot just click and buy a property nor click to contact the agent. The website has to let users understand multiple processes to make their property transactions smooth. And if the website directly guides the user to the agent, what is the point of them still using this website?

2. Logic Problems (Logical use problems)

- a. The websites provide a sign-in feature. However, it is simply just a sign-in feature. It does not have any associated features, such as a user page, wishlist or saved house.
- b. The search bar for searching “Location”, “Address” and “MLS number” has an option to search “sell” it is counterintuitive to search things if I want to sell my property. Instead, Users would like to find information on the “Sell” or “Find an Agent” page.

3. Design Principal miscues.

- a. The main page has a great layout of elements, but when using any 16:9 ratio screen device, the left and right portion of the website space is wasted. It would be great if the website can be adapted to be compatible with different sizes of screens.
- b. When designing a real estate website, one main page and one property detail listing page are insufficient to present the user's complete interactions. Real estate websites should assist users in getting familiar with the process of buying/selling properties to let users quickly find the resources they want by exploring websites.

4. Usability issues.

- a. The mock application is based on a platform of how to design, which causes severe issues. Therefore the project also inherited design platform interactions. As mentioned in the interaction problem, the “PowerPoint” like interaction confuses users.
- b. There are a couple of key features missing hence affecting the project usability.

- i. We can only click the designated area of the website, indicated by blue boxes.
- ii. The find an agent function is not working. Hence users are unable to contact agents through the website.
- iii. The following necessary features' interface on the home page is not implemented but indicated on the navigation bar.
 1. Buy
 2. Sell
 3. Mortgage Calculator
 4. Find An Agent
- iv. The following necessary features' interface on the detailed property listing page is not implemented, which prevents users get more details about the house.
 1. Schedule a viewing.
 2. 3D tour.
 3. Picture view more and zoom in.
 4. Selling
- c. when the page does not describe its role well, and then if people visit the page, the user will feel that the page is not different from other real estate agent pages and the logo is not clear enough.
- d. The website uses yellow as the whole website theme color, the buyer may misread the color of the house if the house color is the same as the website theme color.
- e. This project includes two detailed listing pages with a search menu with a filter and a saved home function, however, these pages are invisible if the

user use website interaction. These webpage will only appear when we navigate to the fourth and fifth page using the arrows at leftmost and rightmost of the website.

- f. When the user signs in, the website will be redirected to the home page regardless of which page the user signed in.

5. Suggestions for improvement

- a. This project may require adding several essential features to the interface of this real estate website.
- b. As indicated above, tons of essential features are not working on this website. It is better to add these features.
- c. The navigation bar can be extended to fit the width of the browser window.
- d. The website's theme color can be changed to a lighter color.

6. Based on a scale of 10, we would like to give this group 5/10.

The full mark is 10/10. For a - e in disadvantage, there are all about the system logic problem and interaction problem. Some features and pages are missing. Each problem is worth one mark. Therefore, $10 - 5 = 5$. We would like to give this group 5 points.

Advantage:

- a. The main page has a great layout of elements and a clean, simple interface for users to use.
- b. The property listing page provides many details for the listing property so that the buyer can know more about it.

- c. The project provided many feature ideas on their website, such as language translation, mortgage calculator, Schedule a viewing, 3D tour, etc.
- d. The property listing page provided the property's neighborhood information as one consideration for the buyer.
- e. The property listing page provided some similar properties, so users have more options to compare them.

Disadvantage:

- a. This website is like a PowerPoint but not an actual website for real estate.
- b. No idea about the sell option in the search bar. If the user wants to sell the house, what can users search when they intend to sell a property?
- c. It is hard to interact with other pages, and some features are missing, such as buying, selling and finding a realtor.
- d. Lack of details on how to buy or sell. It is hard for the user to understand the next step if they want to buy or sell a house.
- e. After login, it is difficult to find any functional difference.

7. Compared with our own project.

- a. For our project, we have a similar Navigation Bar to this group. A clean Navigation Bar for users to use includes the company's logo, *buy* option, *sell* option and mortgage calculator. It also includes the *Find An agent* option, language option (*EN/FR*) and Currency converter(you can choose different Currencies from different countries), which we don't have.

However, for the *Buy* option and the *Sell* option, it can not be interacted with on different pages, which is a big difference from our group project.

- b. For this group project, after the user login in, the login button can display the user name after the user logged in. In this case, the minor change on the “Sign in” button act as a signifier to alert the user they have already logged in. For our project, the login button is simply an entry for users who want to log in, it does not indicate login status.
- c. Their project has three search types(buy, sell, and rent). We don't have to rent and sell in our project as we already inspected our personas and excluded renting and related features in stage 1. This project's search feature includes all necessary filters for a real estate website compared with our project.
- d. Listings are posted on the main page, and it shows the basic information about the listing. In our group, our group did it as well.
- e. At the footer, this group provides a lot of additional information for users to choose from, such as *find a REALTOR*, *Create An account*, *tips for buyers* and so on. However, these options can not interact with another page as well. We left some information regarding our company and our contact information for our project.
- f. This group project provides some social media icons at the footer, which is a great way to connect and expand users. Even though they did not include this information yet, this inspires us as we plan to implement it in the next stage.
- g. On the main page, when we want to interact with the listing detail page on the main page, this project makes the entire listing element clickable,

including the picture, price, MLS, etc. For our project, we have a button for users to view the listing detail, and the button is the only clickable element within one property listing element.

- h. On the listing detail page, this group provides a lot of detail about the house so that users can know about the house well. When our project created the website for our project, we were focused on mocking user interfaces and user interaction. Therefore we did not focus on the information for the listing house.
- i. This group displays Mortgage Calculator on their navigation bar, but our project just has a box to help users calculate the mortgage at each detailed listing page. I think we can make a title for our mortgage calculator box.
- j. Their project provides a button to schedule a viewing. Even though it can not be interacted with, it was a good idea. For our project, we have a complete form for users to fill out some information to log in, and our agent will reach back to them to make an appointment. I think our group needs an introduction to introduce how to book a viewing instead of just a box to fill out the form.
- k. Our project has a login personal page and buy page, sell page, search page and so on, but this project does not provide these pages, so a comparison of these pages is not applicable.