Diego Soto, Realtor Website Requirements Document

Overall Goal: The system will create a website giving an online presence to a local realtor, allowing them to easily reach clients and allowing new clients to find them. One of the project's main focuses is converting the realtor's market to become virtual, and show listings and current bids for new homes to other users. Some necessary functions we target include:

- Home/Welcome Page
  - Would include a top navigator to get to other pages, would look neat and organized, give general information such as what services the realtor offers, how to contact them with links to social media accounts, etc. Should look visually appealing as it is the first thing users see upon first arrival.

- Homes For Sale Page
  - This page is for the realtor to keep updating with new listings, houses for sale with their locations, photos, and prices would be visible to the customers. Maybe it could include a map that you can search on for homes in different specific areas.

- Sell My Property Page
  - Here is where people can find information on what the steps are in selling their own properties, and how the realtor may assist in that process. They can also enter their information into the site to be saved, so the realtor can contact them directly to help.

- Meet the Agent
  - The purpose of this is to just introduce the real estate agent, have a photo and biography for clients to read. Possibly I could make a way to schedule online meetings. I could also have space for former customers to give reviews on the service.

In order to meet the targets and develop these functions, more technical requirements are needed:

- The system shall be capable of utilizing social media to promote and increase usage and credibility.
  - The ability to share purchases to social media platforms.
  - Direct links available to the realtor's social media accounts.
  - When an activity is shared to a social media platform, it's shared under a hashtag.
  - Integrate Facebook APIs for smoother transitions.

- The system shall provide security while being fully functional inside its domain.
  - Our website will be "HTTPS" meaning it is certified and secured.
  - Possible authentication system on registration provides security for anyone on the site.

- The system shall provide a way to search for local home listings.
  - The system shall be used by either the user providing an address or using the

    user's location (if permitted by the user).

- The system will allow clients to meet with the realtor.
  - A system is required to keep track of scheduling, booking, and removing appointments correctly for the realtor.
  - System must provide chat box, with possibility of video chatting.

- The site will allow secure online payments in case needed.
  - The site's purchases can be made through PayPal or debit/credit card.

- The project shall provide a technical status report roughly half-way through the project.

- System should demo a prototype by beginning of May 2021.