The overall goal of this project was stated as designing a system that 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.

Listed were the necessary functions and if the current system prototype has met the requirements:

- 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.

  This Requirement has been met, when arriving to site the Home page is the front page meaning the first one seen. The Domain name is houseswitherick.com, and it introduces the users to links with the different features available, as a navigator. General information is there for visitors to read and learn more.

- 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.

  This Requirement has been met, the steps in testing include:

  1. Begin on the Home page. Scroll down until "Search Properties" and "Recent Properties" is visible.
  2. Under "Search Properties" a search bar is present, along with a range of possible filters the user can apply if desired.
  3. Enter the desired filters and then click "Search"
  4. The search results should then appear, showing postings made by the realtor or site admin, for the user to look over and browse.

- 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.

This requirement has been met. A separate page has been created and can be found on the menu on the bottom of the Home page. The same menu is visible on each page, so it is always accessible. One of the options on the menu is "Sell My Property Page" and when clicked, the user is redirected to it where information is found on the steps to take when wanting to sell a property.

- Meet the Agent
  - o 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.

This requirement has been met. With the use of a plug-in called Simply Schedule Appointments, scheduling has been made easy. To test:

1. On the Home or on any page, scroll down to the menu on the bottom, the directory with all pages listed.
2. Click "Schedule An Appointment"
3. The user is then redirected to houseswitherick.com/appointments, and is given the option to choose between an in person meeting or phone consultation. They choose which option is preferred, then select from the dates provided.
4. After choosing a date, the available time slots will appear, for the user to choose from.
5. After choosing a time, the user is presented with a form to fill in general information, such as their name, phone number, and email address.
6. Afterwards, the appointment is booked. And the slot will not appear for other users to schedule. The realtor will receive email confirmation and be in contact.

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

This requirement has been met. On the Home page, in the header (top right of the page), are various icons that if clicked, will redirect the user to the corresponding social media platform of the icon. These include Facebook, Instagram, Twitter, and more. They can also be found on the realtor's bio.

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

This requirement has been met. Using bluehost, the website is SSL certified, meaning login information is kept safe, and it is possible to perform safe transactions.

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

This requirement has been met, to test:

1. On the Home page or any page, locate the menu directory on the bottom. Select the Membership Options Page.
2. The user is presented with different membership options, and also possible purchases such as for possible visits to view properties in person.
3. For each option, there will be a PayPal button. When Clicked, the user will be redirected to a PayPal login window.
4. The user can login, and make a secure payment using their PayPal account, that will be received by the realtor, who will provide confirmation.

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

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