

## Joshua Jankiewicz, ARHI Website Requirements Document

Overall Goal: The system will create a new prototype website based off of an existing website that is giving an online presence to a local contractor, allowing them to easily show off previous work and allowing new clients to find and contact them. One of the project's main focuses is converting the contractor's market to become virtual, and show estimated costs and previous jobs in order to give insight to new users. Some necessary functions we target include:

- Home/Welcome Page:
  - Would include a top navigator to get to each of the separate pages, giving a neat and organized look, give general information such as what services the contractor offers, contact information and provide previous works to show off the quality the company brings. Should look visually appealing as it is the first thing users see upon first arrival.
- Contact/Meet the Owner Page:
  - The purpose of this page is to meet and get to know a little about the owner such as how long they have been a contractor and previous experience as well as having a way to contact the owner directly from here to enquire about work a client is looking to have done.
- Previous Work Page:
  - This page will show pictures of how previous jobs started, the process, and final result as well as reviews from the clients they have worked with.

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

- 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 will allow clients to meet with the owner.
  - 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 system will show if your area of work is in range of the business.
  - The system will ask for an address and will check if it is inside the mile radius the owner has set outside of where they live.
- There will be a technical status report given around the halfway point of the project.
- The system will have a usable prototype by mid-May 2021.