

# Housekeeping Service App

## Project 2 Design Document

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## 1 Description

This app allows housekeeping service providers to post their services to connect them to people seeking housekeeping. The app provides a platform for both service providers and consumers. The app implements a basic signing up system, and provides users with the choice to see services to book or to post appointments. Posting a service connects to a database that lets other users see it in the booking area. Finally, users can provide ratings to appointments based on their experience.

## 2 Example Usages

Below we highlight a few of the example usages of this website. These further allow us to explain the design rationale used to create the site.

### 2.1 Personas

**Persona 1.** Samantha has 5 years of housekeeping experience. Her customer base in the Bay Area is growing.

**Persona 2.** Alfredo is a young adult who just started working in the tech industry.

### 2.2 User Stories

**Persona 1.** Samantha is looking to get new clients and wants to showcase what housekeeping services she provides. She will use this app to list what housekeeping skills she has,

how much she charges, where she is located and/or open to work.

**Persona 2.** Alfredo just got transferred to the Bay area for work and is settling in the city. He has a small apartment and works most days, often taking weekend shifts. He is looking to find housekeeping services that fit his needs and price range and wants to compare options. He is going to use the app to find such services, and hopes to share his experiences with ratings so others can do so as well. He is looking specifically for a place where he can compare various services and can see price ranges before scheduling and appointment.

### 3 Mock Ups and Design Rationale

We began looking at website offering similar services, such as Angi and Patriot Maids. Figure 1 shows a breakdown of some relevant feature we found in Angi. This inspired us to design our website with a log in page first that redirects to another page where a user can choose among posting or booking a service.

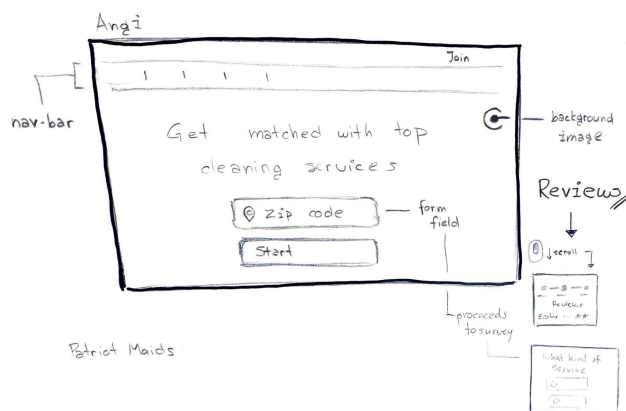


Figure 1: Study of Similar Websites

#### 3.1 Initial Prototypes

Then, we proceeded to make hand-drawn prototypes and finally, we used Figma to make early designs of the project. Figure 2 highlights this initial landing page with some features we had in mind. Some of these were outside of scope but influenced the basic idea behind later designs, as seen in fig. 3

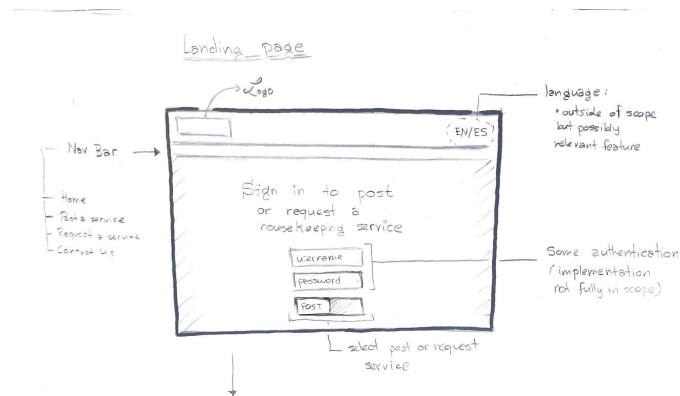


Figure 2: First Drawing of a Landing Page

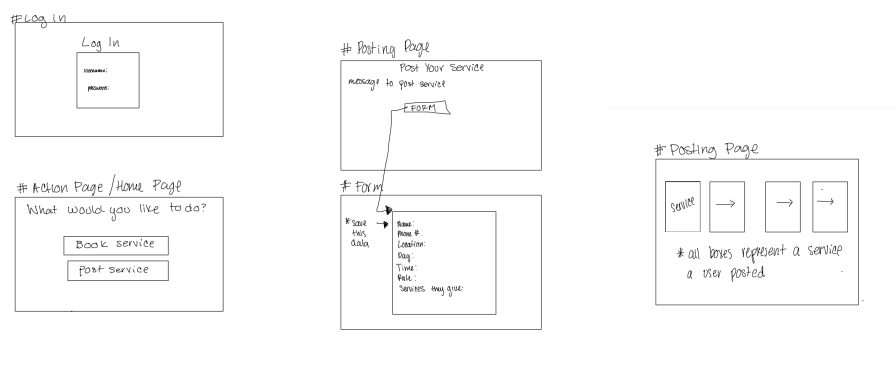


Figure 3: Later Mock ups of various pages

### 3.2 Further Prototypes

Figure 4 shows one of our later templates for the interactions between the websites. It also highlights some of the expected requests between the server database and the client-rendered front end.

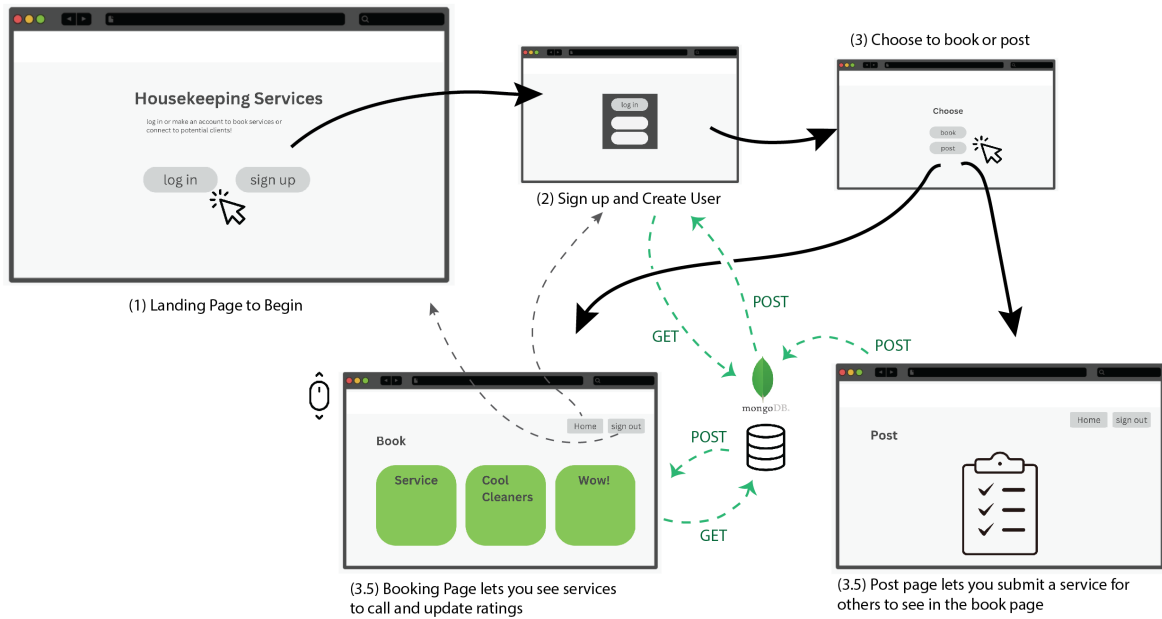


Figure 4: Mock up of pages and Mongoddb interaction