

ParkWise

Park N' Go

23/09/2020

Project Proposal

Product & Issue Being Resolved

In congested cities like Toronto, Vancouver, Montreal, parking is difficult to find. ParkWise is a web-based service that allows people to park on other people's driveways for a cheaper price and closer to their destination. House owners can list their driveways for parking and customers can rent their driveway through on the site. This will allow them to book a guaranteed spot during their travel. The problem that is being solved is that there are tourists that do not need to pay high prices for a limited amount of time. Having our service, they would save the high cost of parking in such cities and reduce the time needed to find parking in busy places.

Target Audience

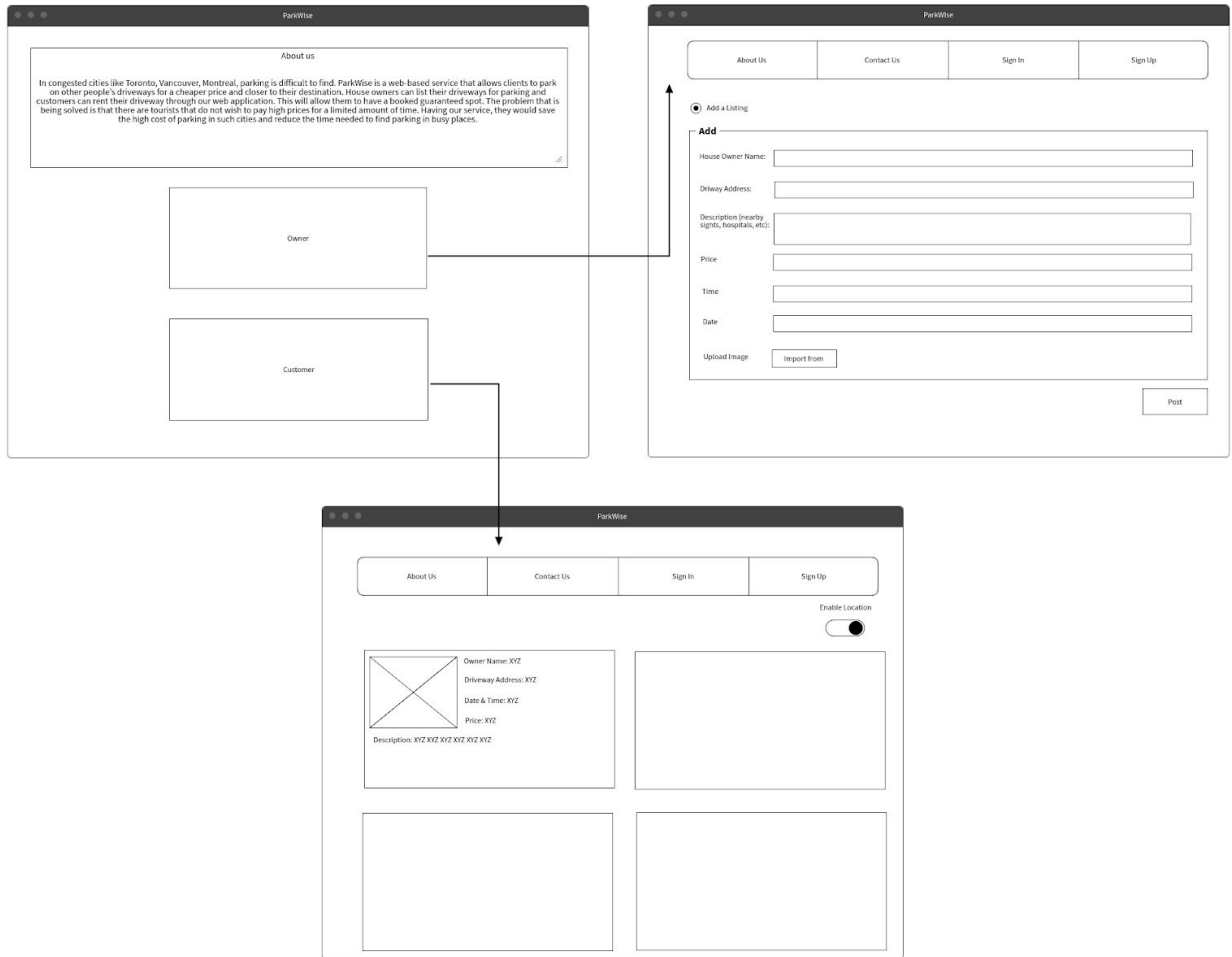
The product we have chosen to make will be used by people of all ages who have a valid driving licence. The benefits of this product are that in a busy place like Toronto, Vancouver or any other big city it's often hard to find parking therefore, ParkWise assures that you have a secure parking spot for your car for the days you wish to tour the city. Another concern people often have is whether their car is parked in a safe spot or not therefore this product will also ensure that your car is parked in a safe spot by checking registered accounts with consent.

Tools & Technologies

Our software development kit revolves around commonly used technologies for web applications. In order to make an attractive and fully responsive application, we have chosen to use HTML5, CSS3, JavaScript for frontend, JS libraries such as React.js, Node.js, PHP, Flask, Python for backend. These tools will ensure that we have a successful and responsive site. Since we want to give the client the best UX experience, we will be using our mentor's help in deciding what technologies are easy and appropriate for this project. Note that the technologies might change depending on our meeting with our mentor.

Proposed Approach

As seen below, we have three wireframes showing basic UI for our application. When the user opens ParkWise, it takes them to the main page where they are prompted to select between the house owner or customer. Depending on their choice, they are taken to their desired page. Owners can add, delete, edit and update their records and customers will be able to view different parking spots. Both will have the option to sign up, sign in to save their history and use it for future.



Link: <https://youtu.be/mxs3R1LkpS8>