ParkMe Release Plan - CMPS 115 – Software Methodology

Product Name: ParkMe
Team Name: ParkMe Team
Release Name: ParkMe
Release Date: Tuesday Mar 14, 2023
Revision Number: 1
Revision Date: Feb 1

High Level Goals

1. Allow users login and use the app providing secure transactions and handling of data.
2. Have people who own a parking spot have the ability to rent it out at certain times and see and edit a list of those postings.
3. Have people who want to rent a spot be able to see a list of spots on a map, in addition to a list that they can filter with different parameters.
4. Be able to handle payments between renter and owner
5. Provide a way to store and change frequently accessed data such as; credit cards, license plate numbers, addresses.
6. Provide some level of communication between spot renter and spot owner

Sprint 1 User Stories

1. I am a Spot Owner or Spot Renter and I want to login to the app so I can start renting or posting spots (1)
2. I am a Spot Renter and I want to see the list of available spots so that I can rent a spot and park somewhere (1)
3. I am a Spot Owner and I want to view the spots I have posted so that I can keep track of who has rented my spots (2)

4. I am a Spot Owner and I want to post my parking spot so other people can rent it (4)
5. I am a person and I want to create a ParkMe account so that I can login and use the app to rent or own spots (3)
6. I am a Spot Owner or Spot Renter and I want to have a profile that saves my credentials and spot addresses so that I don't have to input them every time I log in (3)

Sprint 2 User Stories

1. I am a Spot Renter and I want to see available spots from a certain distance from my destination so I can park close to my destination
2. I am Spot Owner and I want to schedule times for when my spot is available so people know when they can park in my spot
3. I am a Spot Renter and I want to find spots based on filtered times that I want to park at
4. I am a Spot Owner and I want to edit an existing spot that I've posted so that a Spot Renter may rent my spot at a different time
5. I am a Spot Renter and I want to add/edit my vehicle information to my profile so that that a Spot Owner knows which car belongs to me when I park at their spot

Sprint 3 User Stories

1. I am a Spot Owner and I want to charge money for my parking space so I can generate revenue
2. I am a Spot Renter and I wish to filter my search for spots available on a certain schedule so that I can plan my parking ahead
3. I am a Spot Renter and I want to pay the Spot Owner so I may park my car in their spot
4. I am a Spot Owner who rents/leases a property and would like permission from landlord/property management to rent a space
5. I am a Spot Owner and I want to add details to the spot I have posted, such as an image of the spot, its address, or other descriptors to help make it easier to find for Spot Renters
6. I am a Spot Renter and I want to see a history of spots I have been to so that I can visit them again
7. I am a Spot Owner and I want to view the history of Spot Renters who have used my

parking spaces so that I can view info that might help resolve issues with the Spot Renter after the parking session

Sprint 4 User Stories

1. I am a Spot Owner who wants to check the earnings of my spots in order to calculate my revenue generated
2. I am Spot Renter who is unsatisfied with a spot and I want to upvote/downvote the credibility of the spot/spot owner so that other Spot Renters choose a better spot
3. I am a Spot Renter and I want to sort spots by credibility so that I know a spot I choose is most likely reliable

Product Backlog