

System and Unit Test Report, ParkMe, March 14, 2023

Sprint 1

User Story: I am a Spot Owner or Spot Renter and I want to login to the app so I can start renting or posting spots

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - User should see home page with map
2. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - User should see red error text "Error logging in. Please try again."

User Story: 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

Scenario:

1. Start ParkMe App; click Create An Account:
 - Enter Name=<joeschmo>
 - Enter Email=<joe@ucsc.edu>
 - New Password=<secretpassword>
 - Create Account
 - At Signin; type
 - Email=<joe@ucsc.edu>
 - Password=<secretpassword>
 - press Sign In
 - User should see home page with map
2. Start ParkMe App; click Create An Account:
 - Enter Name=<bob>
 - Enter Email=<bob>
 - New Password=<bob>
 - Expect to see "Error creating account, invalid email"

Sprint 2

User Story: I am a user and I want to see all spots that are available so I can see where I can rent from.

Scenario:

3. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Users should see the home page with a map.
 - Expect to see at least 1 red pin on the map.

User Story: I am a Spot Owner and I want to post my parking spot so other people can rent it.

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click "Create Spot" in the bottom nav bar
 - In Search Destination Type; <ucsc>
 - Click the first entry <University of California Santa Cruz, High Street, Santa Cruz, CA, USA
 - swipe to the next page
 - select the first blue box with time.
 - Set time to your current time -1 hour; click ok
 - select the second blue box with time.
 - Set time to your current time +1 hour; click ok
 - Swipe to next page
 - Enter name=<testing spot>
 - Enter description=<I am testing this spot>
 - Enter Price rate \$/hr=<10>
 - Press submit
 - Press refresh button in bottom right corner of screen
 - expect to see new point on map show up
2. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click "Create Spot" in the bottom nav bar
 - In Search Destination Type; <ucsc>

- Click the first entry <University of California Santa Cruz, High Street, Santa Cruz, CA, USA
- swipe to the next page
- select the first blue box with time.
- Set time to your current time -1 hour; click ok
- select the second blue box with time.
- Set time to your current time +1 hour; click ok
- swipe to next page
- Press submit
- Press refresh button in bottom right corner of screen
- expect to see Error processing request

User Story: I am a user and I want to use a map to view spots so I can

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Use fingers to move map
 - Expect map to display different show you locations when moving around

User Story: I am a user and I want to search locations within a map so that I can see spots near my destination.

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - At the top of screen, press Search Destination
 - Enter <San Francisco>
 - Click "San Francisco, CA, USA
 - Press done on bottom right of keyboard
 - Expect map to be centered on San Francisco

User Story: I am a spot owner and I want to schedule times for when my spot is available so people know when they can park in my spot

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>

- press Sign In
 - Click “Create Spot” in the bottom nav bar
 - Swipe to second page
 - Click on the calendar icon
 - Set date to Mar 14, 2023
 - click ok
 - select the first blue box with time.
 - Set time to 10:30 AM; click ok
 - select the second blue box with time.
 - Set time to 6:00 PM; click ok
 - Expect displayed date time on page to be 3/14/2023, 10:30 AM to 6:00 PM
2. Start ParkMe App; at login type:
- Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click “Create Spot” in the bottom nav bar
 - select the first blue box with time.
 - Set time to 10:30 PM; click ok
 - select the second blue box with time.
 - Set time to 6:00 PM; click ok
 - Expect error displaying “Cannot send end time before start time”

Sprint 3

User Story: I am a Spot Renter and I wish to filter my search for spots available from a certain distance to my destination

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click the hamburger menu at the top right
 - Move the distance slider to the desired distance radius
 - Expect to see spots that are within the distance specified to the destination

User Story: 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

Scenario:

1. Start ParkMe App; at login type:

- Email=<frodo@theshire.com>
- Password=<adventure>
- press Sign In
- Click “Create Spot” in the bottom nav bar
- In Search Destination Type; <ucsc>
- Click the first entry <University of California Santa Cruz, High Street, Santa Cruz, CA, USA
- swipe to the next page
- select the first blue box with time.
- Set time to your current time -1 hour; click ok
- select the second blue box with time.
- Set time to your current time +1 hour; click ok
- Swipe to next page
- Enter name=<testing spot>
- Enter description=<I am testing this spot>
- Enter Price rate \$/hr=<10>
- Add an image with the image picker
- Press submit
- Press refresh button in bottom right corner of screen
- expect to see new point on map show up

User Story: I am a user and I want to upload a picture of my spot when creating it to give more details about the spot.

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click “Create Spot” in the bottom nav bar
 - In Search Destination Type; <ucsc>
 - Click the first entry <University of California Santa Cruz, High Street, Santa Cruz, CA, USA
 - swipe to the next page
 - select the first blue box with time.
 - Set time to your current time -1 hour; click ok
 - select the second blue box with time.
 - Set time to your current time +1 hour; click ok
 - Swipe to next page
 - Enter name=<testing spot>
 - Enter description=<I am testing this spot>
 - Enter Price rate \$/hr=<10>

- Add an image with the image picker
- Press submit
- Press refresh button in bottom right corner of screen
- expect to see new point on map show up

User Story: I am a spot owner and I want to view spots that I have posted

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click “Settings” In the bottom nav bar
 - Click View Posted spots
 - Expect to see spot with title UCSC

User Story: I am a user and I want to click on a spot to open up a detailed view of a spot to get more information about it.

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Go to Santa Cruz location on map
 - Click on red pin
 - click on text above red pin
 - expect to see detailed view of a spot

Sprint 4

User Story: I’m a spot renter and I would like to Rent a spot

Scenario:

1. Start ParkMe App; at login type:
 - Email=<frodo@theshire.com>
 - Password=<adventure>
 - press Sign In
 - Click “Create Spot” in the bottom nav bar
 - In Search Destination Type; <ucsc>
 - Click the first entry <University of California Santa Cruz, High Street, Santa Cruz, CA, USA
 - swipe to the next page

- select the first blue box with time.
- Set time to your current time -1 hour; click ok
- select the second blue box with time.
- Set time to your current time +1 hour; click ok
- Swipe to next page
- Enter name=<testing spot>
- Enter description=<I am testing this spot>
- Enter Price rate \$/hr=<10>
- Press submit
- Press the Settings button in the bottom nav bar.
- Press the logout icon in the top right corner
- at login type:
 - Email=<bilbo@theshire.com>
 - Password=<bilbo>
- find spot labeled ucsc
- click the text above the pin
- click rent spot
- click set duration
- set duration to 30 minutes
- click ok
- click Add License Plate
- enter 123456
- click Add
- Click start renting
- Click activity in the bottom left of bottom nav
- expect ucsc spot to show up in active (not currently implemented)

User Story: I am a user and want to check the availability of the spot so I can know if I can park there

Scenario:

2. Start ParkMe App; at login type:

- Email=<frodo@theshire.com>
- Password=<adventure>
- press Sign In
- Click "Park" in the bottom nav bar
- Navigate to a spot you see on the map
- Tap on it to view availability
- If a spot is currently being rented it will not appear
- Spot will say unavailable if renter is the owner or if the spot is available at that time at a future date (does not display that date at this time)