

Sprint 4 Plan

Product Name: ParkMe

Team: ParkMe Team

Sprint Completion Date: March 14th, 2023

Revision Number: 1

Revision date: March 3rd, 2023

Goal:

Have users be able to rent spots by clicking pins on the map and going through the checkout process.

Story 1) I am a user and want to be able to rent a spot so that I can park there

Tasks

1. Backend adds a route to add a spot to the rental table (3h)
2. Create a rental table in DB (1h)
3. Frontend page when clicking on the spot to go through the checkout process (5h)
4. Validate the spot availability and user input parameters on submission from the frontend and backend. (4h)

Story 2) I am a user and want to check the availability of the spot so I can know if I can park there

Tasks

1. Change the spot availability logic to support spots that are currently available(2h)
2. Modify the backend route to support checking the availability of a single spot (1h)
3. Display availability status on frontend based on the result from the backend (1h)

Story 3) I am a user and want to see the spots that I have rented in the past so that I can see if it is available to rent again

Tasks

1. Add backend route to the backend to get spots from a rental where the user id is the logged-in one (2h)
2. Add a page to display a list of spots that users have rented. (3h)

Story 4) I am a user and I want to pick a duration to rent a spot so that I can rent for my desired time.

Tasks

1. Create a frontend component to pick a duration based on the max available duration of the start and end time of the spot (4h)

Story 5) I am a spot renter and I want to pay for a parking spot using credit cards on the app

Tasks

1. Add stripe API implementation into the frontend. (7h)
2. log user transactions and prices in the backend (4h)

Team Roles

Soren: Project Owner, {Developer}

Neel: Developer

Joseph: Developer, {Scrum Master}

Alper: Developer

Maxim: Developer

Initial Task Assignment

Soren: Story 1, Task 2

Max: Story 6, Task 1

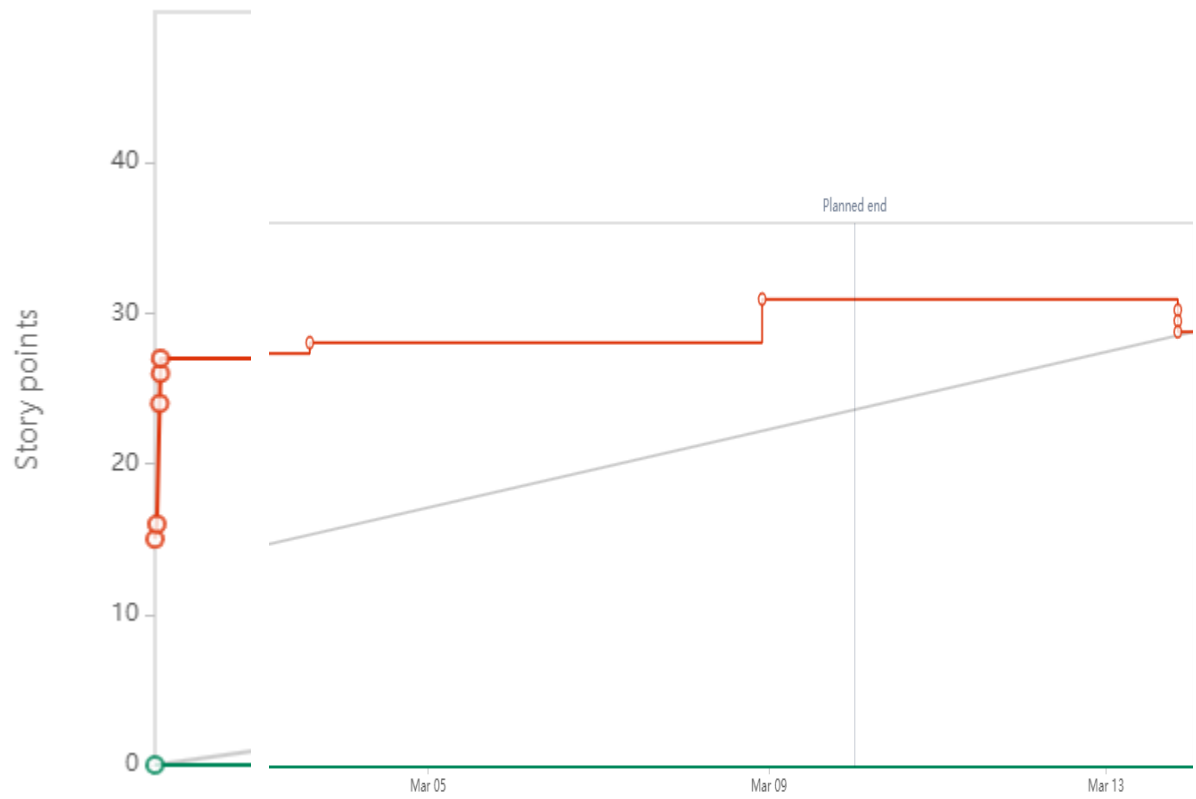
Joseph: Story 1

Alper: Story: 3, Task 1

Neel: Story 5, Task 1

Initial Burnup Chart

Sprint 3, ParkMe



Initial Scrum Board:

The image shows a Scrum Board with four columns: User Stories, Tasks To Do, Tasks In Progress, and Tasks Done. Each column has a header with a menu icon (three dots) and a footer with a '+ Add a card' button and a card icon.

- User Stories:**
 - US1) I am a user and I want to be able to rent a spot so that I can park there
 - US2) I am a user and I want to check the availability of the spot so I can know if I can park there
 - US3) I am a user and I want to see the spots that I have rented in the past so that I can see if it is available to rent again
 - US4) I am a user and I want to pick a duration to rent a spot so that I can rent for my desired time.
 - US5) I am a spot renter and I want to pay for a parking spot using credit cards on the app
- Tasks To Do:**
 - US1) Backend add a route to add a spot to the rental table (3h)
 - US1) Validate spot availability and user input parameters on submission from the frontend and backend. (4h)
 - US2) Modify the backend route to support checking the availability of a single spot (1h)
 - US2) Display availability status on frontend based on the result from the backend (1h)
 - US3) Add backend route to the backend to get spots from a rental where the user id is the logged in one (2h)
 - US3) Add a page to display a list of spots that users have rented. (3h)
 - US4) Create a frontend component to pick a duration based on the max available duration of the start and end time of the spot (4h)
 - US5) Add stripe API implementation into the frontend. (7h)
- Tasks In Progress:**
 - US1) Create a rental table in DB (1h)
 - US2) Change spot availability logic to support spots that are currently available(2h)
- Tasks Done:**
 - + Add a card

Scrum Times:

Monday, Wednesday, Friday → 8 PM (discord)

Friday → 2:30 PM