Sprint 2 Plan

Product Name: ParkMe
Team: ParkMe Team
Sprint Completion Date: Feb 14, 2023
Revision number: 2
Revision date: Feb 5, 2023

Goal:

Allow users to find, rent, and post parking spots.

Story 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 (Soren)
Tasks
1. Add address to spot object (1 h)
2. Add local address/coordinates to user object (1h)
3. google address api? (10h? spike)

Story 2) I am a Spot Owner and I want to post my parking spot so other people can rent it
Tasks
1. Server post spot endpoint (3 h)
2. Frontend post spot form and submit (4 h)
3. Refactor/Add (track time frames) (validation of real place) (6 h)

Story 3) 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
Tasks
1. Subset of time window algorithm (6 h)
2. recurring time spot handling (6h)

Story 4) 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)
Tasks
1. Get user spots server endpoint (3 h)
2. Frontend posted spot list view (3 h)

3. DB spot schema (30 min)

Story 5) I am a Spot Renter and I want to view the spots I have rented before so that I can keep track of the money I have spent (Maxim)

Tasks

1. Get user spots server endpoint (3 h)
2. Frontend rented spot list view (3 h)
3. DB spot schema (30 min)

Backlog

I am a Spot Renter and I want to find spots based on filtered times that I want to park at

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

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

Spike

Google cloud platform

Wireframes
Validation
Look at google locations API
Look at date/time pickers
PostGIS location

Create Account Error Handling (block ill-formatted emails, duplicate emails, and null passwords)

Figure out what to return to users when they log in (none?)
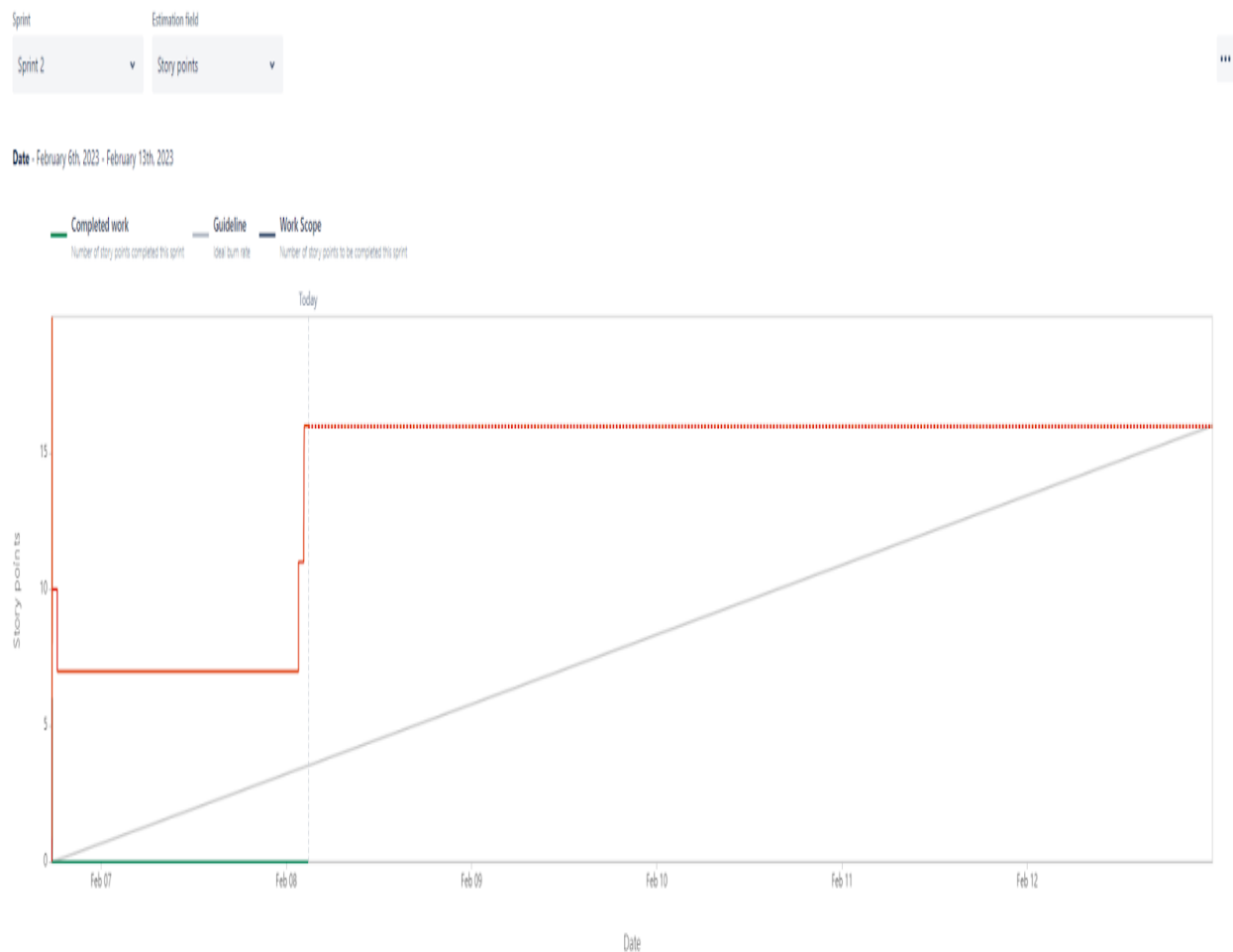
Team Roles

Soren: Project Owner, {Developer}
Neel: Developer

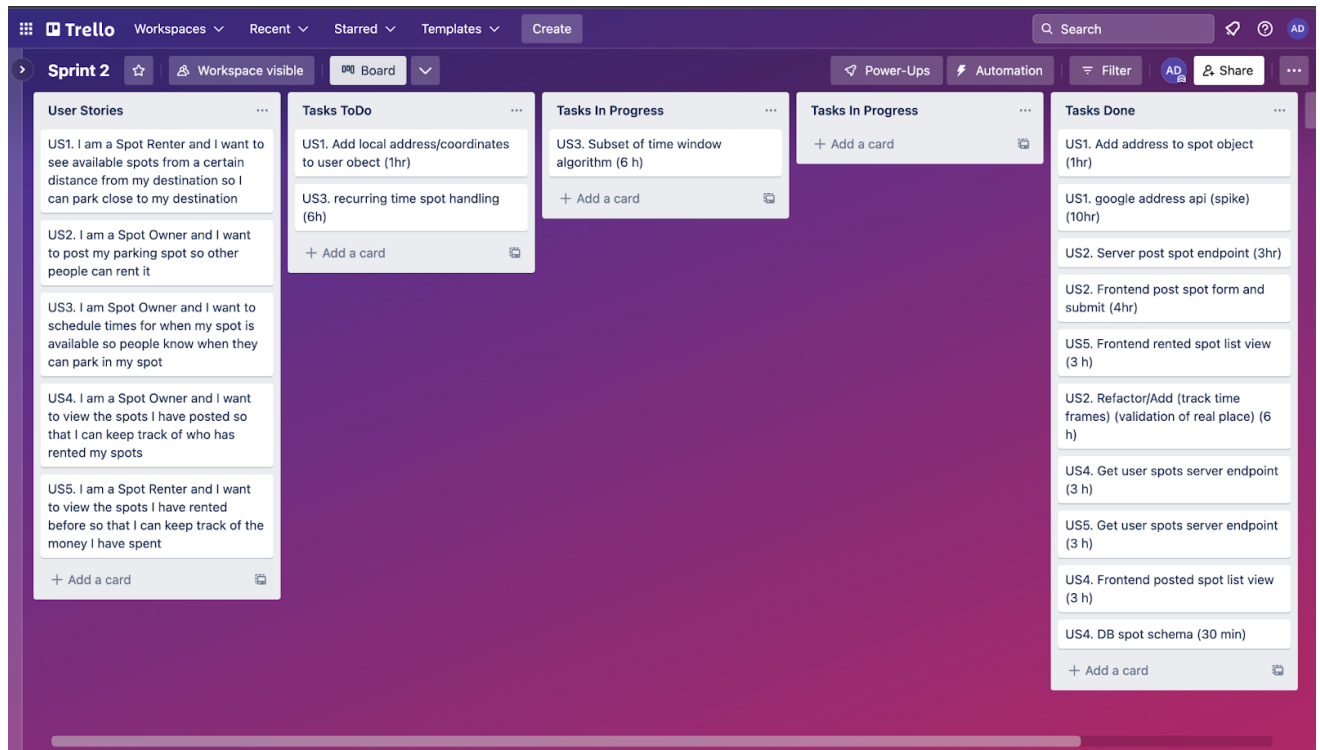**Joseph:** Developer
Alper: Developer
Maxim: Scrum Master

Initial Burnup Chart

Sprint 2, ParkMe

Initial Scrum Board:

Sprint 2, ParkMe

Sprint 2 — Board

User Stories	Tasks ToDo	Tasks In Progress	Tasks In Progress	Tasks Done
US1. 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	US1. Add local address/coordinates to user obect (1hr)	US3. Subset of time window algorithm (6 h)	+ Add a card	US1. Add address to spot object (1hr)
US2. I am a Spot Owner and I want to post my parking spot so other people can rent it	US3. recurring time spot handling (6h)	+ Add a card		US1. google address api (spike) (10hr)
US3. 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	+ Add a card			US2. Server post spot endpoint (3hr)
US4. 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				US2. Frontend post spot form and submit (4hr)
US5. I am a Spot Renter and I want to view the spots I have rented before so that I can keep track of the money I have spent				US5. Frontend rented spot list view (3 h)
+ Add a card				US2. Refactor/Add (track time frames) (validation of real place) (6 h)
				US4. Get user spots server endpoint (3 h)
				US5. Get user spots server endpoint (3 h)
				US4. Frontend posted spot list view (3 h)
				US4. DB spot schema (30 min)
				+ Add a card

Scrum Times:

Monday, Wednesday, Friday → 9AM
Friday → 2:30 PM