

Sprint 4 Plan

Planted!

Team Name: Planted!

Sprint Completion Date: 12/1/2019

Revision 1 | Revised on 11/18/2019

Sprint Goal

We plan to implement reminders for plant watering and fertilization, along with list displaying all a user's plants.

Task Listing

- I. As a basic user, I want to be able to be reminded to water so that I don't underwater
- Task 1. Figure out how to push notifications to the user. (3 hours)
 - Task 2. Given three options - 1 day, 3 day, 5 day - remind the user to water their plants. (3 hours)

Acceptance Criteria:

- The user should receive notifications from the app reminding them when to water.
- The user should be able to see a list of all previous water events.
- The user should receive a single reminder for every plant that needs watering in a single day.
- For each plant, the user should be able to tell the application how often they want to be reminded for watering.

This user story is estimated to take 6 total hours.

- II. As a basic user, I want to be able to keep track of the last time I watered so that I don't overwater (root rot)
- Task 1. Implement a yes/no button on the push notification so the user can confirm whether or not they watered their plants. (3 hours)
 - Task 2. Implement a list of watering events previously done to a plant. (3 hours)
 - Task 3. Calculate when the next watering event should take place. (30 mins)

Task 4. Send push a notification for the current/upcoming watering event. (1 hr)

Acceptance Criteria:

- The user should see a list of all previous watering events
- The user should receive a push notification once they're supposed to water their plant
- In the notification, the user can confirm or deny whether they've already watered the plant
- If the user denies the notification, a reminder notification appears again in a preset number of hours.

This user story is estimated to take 7.5 total hours.

III. As an advanced user, I want to be able to track the last time I fertilized so that I don't over-fertilize.

Task 1. Implement a button so the user can input the last time a plant was fertilized. (3 hours)

Task 2. Implement a list of watering and fertilizing events. (3 hours)

Acceptance Criteria:

- The user should be able to add see a list of all previous fertilizing events
- The user should be able to click on an add button and input the date of the last time a particular plant was fertilized

This user story is estimated to take 6 total hours.

Team Roles

Alyssa Melton: Product Owner, Developer

Vinay Narayanam: Developer

Jessica Pan: Developer

Daniel Wang: Developer

Eduardo Villa: Scrum Master, Developer

Initial Task Assignments

Alyssa Melton

- Resolve previous sprint bugs. Pull and display plant data back

into app after saving it to database.

Vinay Narayanam

- User story: As a basic user, I want to be able to keep track of the last time I watered so that I don't overwater (root rot)
- Initial task: Implement a yes/no button on the push notification so the user can confirm whether or not they watered their plants.

Jessica Pan

- User story: As a basic user, I want to be able to be reminded to water so that I don't underwater
- Initial task: Given three options - 1 day, 3 day, 5 day - remind the user to water their plants.

Daniel Wang

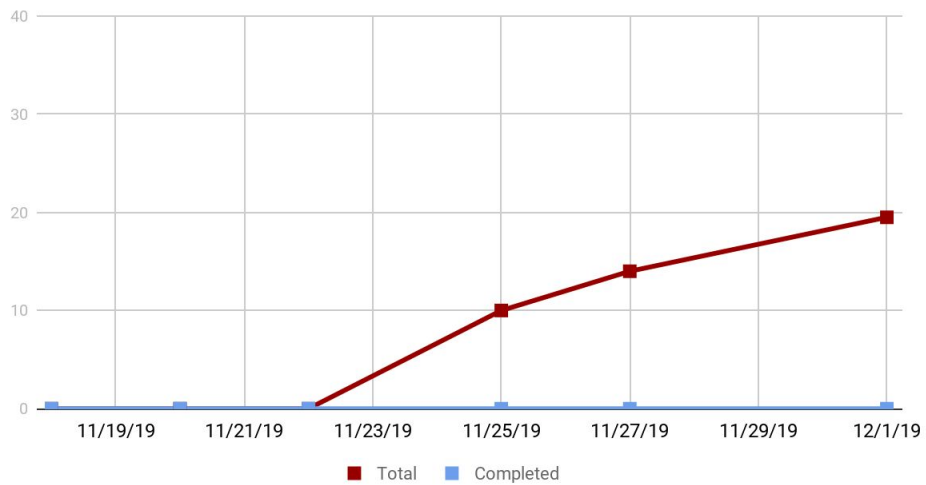
- User story: As a basic user, I want to be able to be reminded to water so that I don't underwater
- Initial task: Given three options - 1 day, 3 day, 5 day - remind the user to water their plants

Eduardo Villa:

- User story: As a basic user, I want to be able to be reminded to water so that I don't underwater
- Initial task: Figure out how to push notifications to the user.

Initial Burnup Chart

Planted! Sprint 4 Burn Up



Initial Scrum Board

<https://trello.com/invite/b/fHigjRpm/54bcb096dccd36129dcb4db3d2b6dce0/scrum-board>

Scrum Meeting Times:

- Meeting Day 1. Monday 9:15 AM
- Meeting Day 2. Wednesday 10:00 AM | TA Rashmi
- Meeting Day 3. Friday 9:15 AM