

Sprint 4 Project Planning

CSCE 431 - Bencoolen Software

Team Members & Roles

Nick Ludwig - Developer
Simone Kang - Developer
Tyler Fredericksen - Developer
Keegan Reynolds - Developer
Kelvin Zheng - Product Owner
Bryan Yan - Developer
Kaijie Chen - Scrum Master

Sprint Goals

Our sprint goal is to implement the ability for donors and recipients to schedule meetups so that donors can do in-person meal swipe donations that aren't contingent on their school integrating Bytes.

User Stories

Post in-person donation availability (4pt)

As a **student with excess credits**,
I want to **post the locations and times that I'm able to do in-person donations**,
So that I can **better facilitate in person donations that work with my schedule**.

Available in-person donation listing (2pt)

As a **food insecure student**,
I want a **way to see and accept in-person donation postings**,
So that I can **request an in-person donation that best fits my schedule**.

Recipient accept in-person donation (2pt)

As a **food insecure student**,
I want to **accept an in-person donation posting**,
To **notify the donor that I wish to receive a meal-swipe at the posted time and location**.

User's accepted in-person donations view (3pt)

As a **student user**,

I want a way to quickly see all accepted in-person donation postings I'm a part of,
So I can quickly discern when to expect someone to meet up with me for a donation.

Donor edit in-person donation posting (2pt)

As a **student with excess credits**,

I want **the ability to edit and delete in-person donation postings that are not accepted**,
So I can **easily make small changes to postings and keep them up to date**.

Cancel in-person donation posting (1pt)

As a **student with excess credits**,

I want **the ability to cancel an in-person donation postings**,
So I can **notify recipients if I'm no longer able to make it**.

Confirming in-person donation (1pt)

As a **food insecure student**,

I want to **be able to confirm a transaction happened**,
In order to **give credit to the donor who donated a meal-swipe to me**.

Sprint Backlog

The Sprint Backlog consists of only the stories above. Completing these stories will give us the new feature of facilitating in person meal credit donations that do not require university integration of our application. In total, the sprint backlog has a total of 7 stories and 15 story points. Below you can find the breakdown of each story.

Task Breakdown

Post in-person donation availability (Bryan) ~4hrs

- Create a table that handles in-person donations posting ~0.5hr
- Create a route for making a new in-person donation posting ~1hr
- Create a form page for posting in-person donation availability ~1.5hrs
 - User should be able to set time, date, location
 - Date can be a set date or a recurring weekday
- Create a button to go to form page from user's in-person donation listing page ~0.25hr
- Implement required tests ~0.75hr

Available in-person donation listing (Keegan) ~2hrs

- Create a page listing available in-person donations ~1.25hr
- Create a button in the navigation bar to reach this page ~0.25hr
- Implement required tests ~0.5hr

Recipient accept in-person donation (Simone) ~1.5hrs

- Create a route to accept an in-person donation ~0.5hr
- Create recurring button on in-person donation listing listings to accept an in-person donation posting ~0.25hr
 - Update database so recipient is associated with the accepted in-person donation
- Make accepted in-person donations not visible from the listings page ~0.5hr
- Implement required tests ~0.25hr

User's accepted in-person donations view (Nick) ~2hrs

- Create a page that shows all accepted in-person donations a user is a part of ~1.5hr
 - This page should work for donors and recipients and query accordingly
- Implement required tests ~0.5hr

Donor edit in-person donation posting (Tyler) ~2hrs

- Create button to edit screen for posting that hasn't been accepted by a recipient ~0.25hr
- Create a screen for editing existing unaccepted posting ~1.5hr
 - User should be able to edit time, date, and location or delete the posting
- Implement relevant tests ~0.5hr

Cancel in-person donation posting (Simone) ~2hr

- Create a route for canceling an in-person donation ~ 1hr
- Create a button so that users can cancel an accepted in-person donation posting ~.5hr
 - Other side of donation should be notified of cancelation
- Confirmation popup when user attempts to cancel ~.25hr
- Implement required tests ~.25hr

Confirming in-person donation (Keegan) ~1hr

- Create a button that allows recipients to confirm an in-person donation occurred ~.75hr
 - Confirm donation date was before the current date
- Implement relevant tests ~.25hr

Important Links

[Slack link](#)

[Github Repo](#)

[Pivotal Tracker](#)

[Heroku Site](#)