

Sprint 3 Project Planning

CSCE 431 - Bencoolen Software

Team Members & Roles

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

Sprint Goals

Our goal for Sprint 3 is to completely **finish our MVP for Bytes**. We want to have a complete application that looks and feels professional and real, including flexibility across a variety of users and devices. On top of this base, we can start adding extra features in the future.

User Stories

Improved Styling for Profile Page (1pt)

As a **student user**,
I want **improved styling for the profile page**,
So I have a **more visually appealing experience**

Responsive Interface (3pt)

As a **user of a non-traditional screen size**,
I want **responsive elements**,
So that I can **have a better experience when accessing the website on my screen**.

Credit Pool View (3pt)

As a **student using Bytes**,
I want to **be able to see a page detailing statistics about my schools Credit Pool**,
So I can **have a better understanding of the impact students like me are having**.

Button to switch user type (2pt)

As a **student with changing needs**,

I want a **button that allows me to switch user type**,

So that I can **switch between receiving and donating credits based on my circumstances**.

Metrics on home page (2pt)

As a **student about to sign up for Bytes**

I want to **see encouraging statistics on the home page**

So that I am **more likely to see my potential impact and sign up for Bytes**

White-label the user interface (2pt)

As a **student using Bytes**,

I want to **be able to see my school's logo even if I'm not from Texas A&M**,

So that I can have a **better, more personal, user experience**.

Sprint Backlog

The Sprint Backlog consists of the stories above. Completing these stories will give us the basic functionality we discussed in our sprint goal of the external API and visual styling. In total, the sprint backlog has a total of 6 stories and 13 story points. Below you can find the breakdown of each story.

Task Breakdown

Visual Styling for the profile page ~ 1hr (Kelvin)

- Add CSS styles for home page ~1hr

Responsive Interface throughout the Website ~5hr (Simone)

- Make the design style consistent, kind of like a brand.
 - Develop a brand for Bytes ~2hr
- Overhaul existing CSS to flexbox to make sizing responsive & add branding style ~ 3hr
 - Landing Page ~0.5hr
 - Profile/Home page (work with above person) ~0.5hr
 - Donation page ~0.5hr
 - Transfer page ~0.5hr
 - Transaction View Page ~0.5hr
 - Credit Pool Page (work with below person) ~0.5hr

Credit Pool View ~6.5hr (Kaijie)

- Add the capability for a credit pool to track number of donated and received credits ~1.5hr

- Create page for a credit pool
 - It will show school name (credit pool name I guess) ~0.5hr
 - It will show total number of donated and received credits from a credit pool ~0.5hr
- Show daily metrics for donations and requests ~2hr
 - Could do this several ways, each transaction has a datetime on it, could query for that
- Make a graph of usage ~2hr

Button to switch user type ~ 2hrs (Kelvin)

- Create visual responsive button that indicates what type the user is switching to
- Add checks to make sure that the user can switch (i.e. a user with too much credits can't switch to a recipient)
- Create confirmation prompt to switching user type
- Create route to update user type

Metrics on home page ~ 4.5hrs (Keegan)

- Brainstorm a set of metrics that would be interesting to a new user ~0.5hr
- Gather data for that statistic ~2hr
- Develop an array on the home page that will randomly pick an element and show the user that statistic. (i.e. "10,100,234 meals provided!" Or "3414 students making a difference in their community!") ~2hr

White-label user interface ~2hr (Nick)

- Allow user to input their school based on their .edu email address ~0.5hr
- Update school logo according to student's school ~1.5hr

Important Links

[Slack link](#)

[Github Repo](#)

[Pivotal Tracker](#)

[Heroku Site](#)