

# Sprint 5 Project Planning

CSCE 431 - Bencoolen Software

## Team Members & Roles

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

## Sprint Goals

Our goal for Sprint 5 is to polish the user experience by creating an administrator interface for the Bytes app to allow admin control of the system, allow an avenue for user feedback, and improve the overall visual styling for increased cohesiveness and presentability.

## User Stories

### Polished Styling for all pages (2pt)

As a **student user**,  
I want **improved visual styling for all of the pages**  
So I have a **more visually appealing experience**

### Admin User (2pt)

As someone **in power on my campus**  
I want to be able to be an “administrator” user  
So I can **access higher privileges**

### Admin Page (2pt)

As someone **in power on my campus**  
I want to be able to **view the admin dashboard**  
So I can make any **necessary changes**

## Admin Functionalities (3pt)

As someone **in power on my campus**

I want to be able to **view and edit my schools credit pool**

So I can **make necessary changes and view the health of my schools pool**

## Allow users to send feedback in the app (3pt)

As a **user of Bytes**

I want to be able to **send feedback to the Bytes team**

So I can **voice any concerns I have about the app**

## Merge School & CreditPools (chore)

## Sprint Backlog

The Sprint Backlog consists of the listed user stories above, as well as the chore of merging the school and credit pool tables. Completing these stories will give us the administrator functionality, allowing privileged users to make necessary changes to their school's credit pool. Additionally, it will put the finishing touches on the Bytes application, including detailed styling and a feedback form. In total, the sprint backlog has 5 stories, 12 story points, and 1 chore. Below, you can find the task breakdown of each story.

## Task Breakdown

### Polish Styling for all pages (Nick) ~3hrs

- Style profile page ~0.6hr
- Style transfer page ~0.6hr
- Style transactions page ~0.6hr
- Style meetings page ~0.6hr
- Style admin pages ~0.6hr

### Admin User (Simone) ~2hrs

- Add an administrator option to the user model table ~0.5 hr
- Enable checking user table for admin permissions ~1 hr
  - Allow application to show admin-specific info to admin only
- Implement relevant tests ~0.5 hr

### Admin Page (Tyler) ~2hrs

- Create an admin landing page ~1 hr
  - Should be mostly empty, features will be implemented in Admin Functionality
- Create a button on the main page linking to admin page ~0.5 hr

- Only display button if user is an admin
- Implement relevant tests ~0.5 hr

### Admin Functionalities (Kelvin) ~4hrs

- From the admin landing page, allow admin to view the school's credit pool ~1 hr
- Add capability for admin to manually add credits to the school's credit pool ~1 hr
- Add capability for admin to manually remove credits to the school's credit pool ~1.5 hr
- Implement relevant tests ~0.5 hr

### Allow users to send feedback in the app (Kaijie) ~4hrs

- Create a controller to handle form submission and rendering ~0.5 hr
- Create routes for form actions ~0.5 hr
- Create a view for the form with text fields (name, email, message, etc) ~1 hr
- Use ActionMailer to facilitate sending of the form via email ~1 hr
- Add button to link to form at bottom of profile page ~0.5 hr
- Implement relevant tests ~0.5 hr

### Merge School & CreditPools (Simone) ~2hrs

- Merge the School and Credit Pool tables into a single Credit Pool table ~2 hr

## Important Links

[Slack link](#)

[Github Repo](#)

[Pivotal Tracker](#)

[Heroku Site](#)