

Sprint 3 Retrospective

CSCE 431 - Bencoolen Software

Important Links:

Pivotal: <https://www.pivotaltracker.com/n/projects/2687722>

Github: <https://github.com/teamup-apps-for-good/bytes>

Heroku: <https://bytes-03446fa020da.herokuapp.com>

Dates of Sprint:

Feb 12 - Feb 23

Team Member Contributions: (story points)

Simone Kang (Dev) - made styling consistent throughout the app, added more responsive elements (3)

Nick Ludwig (Dev) - added white-label functionality to the app (2)

Tyler Fredericksen (SM) - reports, created and assigned stories, pivotal tracker updates

Keegan Reynolds (Dev) - added randomized statistics to the front page, displays neat stats about the credit pool or donation/reception metrics (2)

Kelvin Zheng (Dev) - improved styling throughout the site, added button so that users can switch their account type (1 + 2 = 3)

Bryan Yan (PO) - testing, communication with client

Kaijie Chen (Dev) - created page to view daily credit pool metrics/totals (3)

Tyler Fredericksen	0 points	0.0%
Keegan Reynolds	2 points	15.4%
Kelvin Zheng	3 point	23.1%
Simone Kang	3 points	23.1%
Bryan Yan	0 points	0.0%
Nick Ludwig	2 points	15.4%
Kaijie Chen	3 points	23.1%

Sprint Goal

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

Sprint Achievements

Our sprint goal was achieved, and we have a fully completed MVP for the original vision of Bytes. We have an application that allows users to login with their student emails, create donor/recipient accounts, and make donor/recipient actions according to their meal swipe count that is integrated with our external API. This app is also styled consistently and has the functionality to integrate with multiple schools. There are also bonus statistics and metrics screens scattered throughout. This sprint we completed all our stories, putting the finishing touches for this first iteration of Bytes.

Sprint Backlog Items/Status

Improved Styling for Profile Page (1pt) - **Completed**

Responsive Interface throughout the Website (3pts) - **Completed**

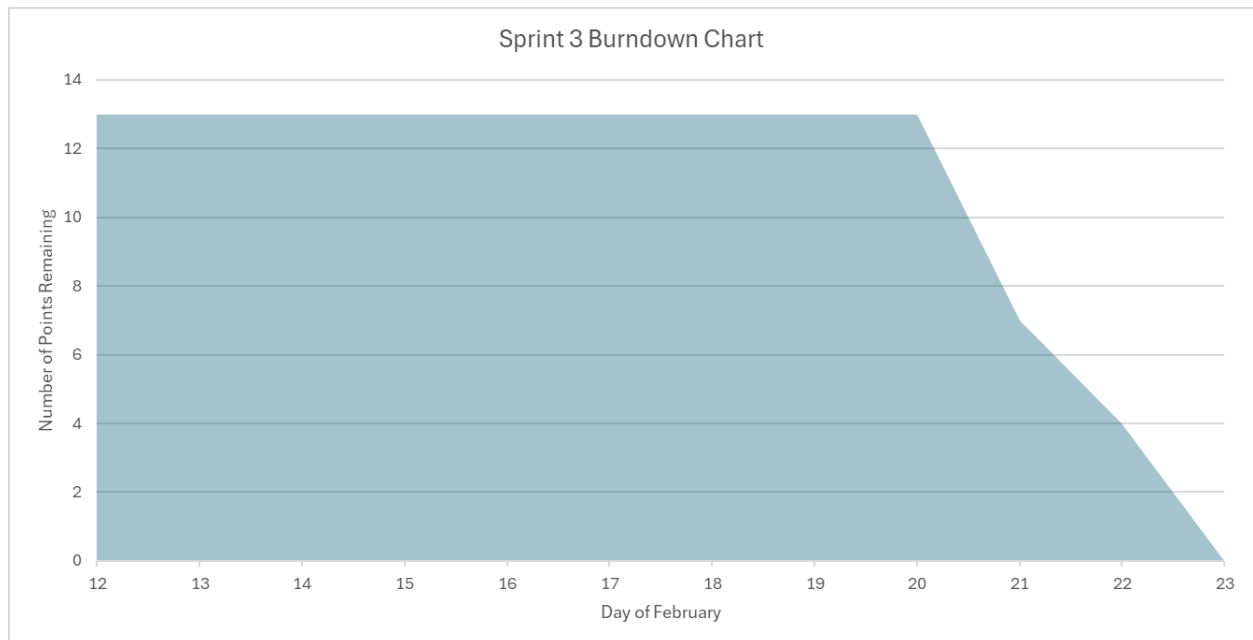
Additional Credit Pool Views (3pts) - **Completed**

Button to switch user type (2pts) - **Completed**

Metrics on home page (2pts) - **Completed**

White-label the user interface (2pts) - **Completed**

Burndown Chart



A story was considered completed when all tests related to that story were passing and had $\geq 90\%$ coverage

Design Diagram

No design diagrams were created during this sprint

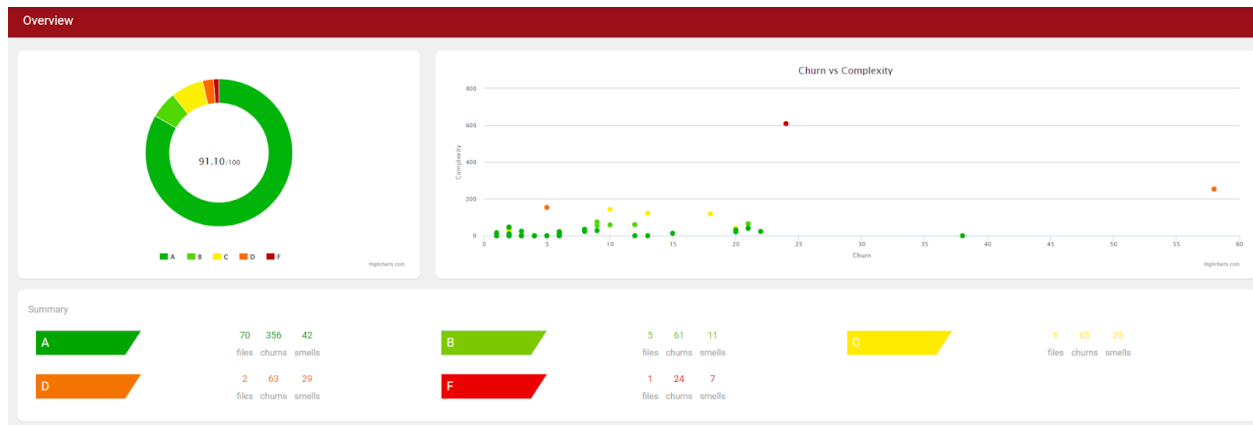
Documentation of Changes

No major changes

Customer Meeting

We met with the customer on Tuesday, February 27th via Google Meets. In this meeting the customer shared his satisfaction with our current MVP and gave many suggestions for functionality that we can add in the next sprint(s). We are supposedly switching focus slightly, and moving towards a match-and-meet meal credit transfer system rather than going through schools themselves. This is for cases where the school we are trying to integrate with won't allow us to integrate within their meal systems. This functionality will be our main focus for the next sprint.

Evaluations of Code and Test Quality



bdd & tdd

Yes, Cucumber Scenarios and rspec examples cover all features developed in this iteration.

See screenshots below:

```
32 scenarios (32 passed)
235 steps (235 passed)
0m2.474s
```

Share your Cucumber Report with your team at <https://reports.cucumber.io>

Command line option: `--publish`
Environment variable: `CUCUMBER_PUBLISH_ENABLED=true`
cucumber.yml: `default: --publish`

More information at <https://cucumber.io/docs/cucumber/environment-variables/>

To disable this message, specify `CUCUMBER_PUBLISH_QUIET=true` or use the `--publish-quiet` option. You can also add this to your `cucumber.yml`:
`default: --publish-quiet`

```
tyxfred@DESKTOP-NKIBADB:~/CSCE_439/Project/bytes$ bundle exec rspec
.....
```

```
Finished in 2.48 seconds (files took 4.38 seconds to load)
63 examples, 0 failures
```

```
Coverage report generated for RSpec to /home/tyxfred/CSCE_439/Project/bytes/coverage. 292 / 320 LOC (91.25%) covered.
```