

Sprint 1 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:

Jan 1 - Jan 12

Team Member Contributions:

Tyler Fredericksen (PM) - Landing Page

Keegan Reynolds (SM) - Transfer Credits

Kelvin Zheng (Dev) - Receiving credits feature

Simone Kang (Dev) - Excess Credits & Profile page

Bryan Yan (Dev) - Login functionality

Nick Ludwig (Dev) - View data on user's donated credits

Kaijie Chen (Dev) - Create account

Tyler Fredericksen	1 points	5.6%
Keegan Reynolds	3 points	16.6%
Kelvin Zheng	3 points	16.6%
Simone Kang	2 points	11.1%
Bryan Yan	3 + 2 points	27.7%
Nick Ludwig	2 points	11.1%
Kaijie Chen	2 points	11.1%

Sprint Goal

Our sprint 1 goal was to have a deployable proof of concept with basic features like profile creation, credit requesting, and credit transfer all with a CI/CD pipeline in Github.

Sprint Achievements

We completed our sprint goal, we have a proof of concept deployed that lets users create an account with OAuth, request credits, and transfer credits– all with a ci/cd pipeline in github.

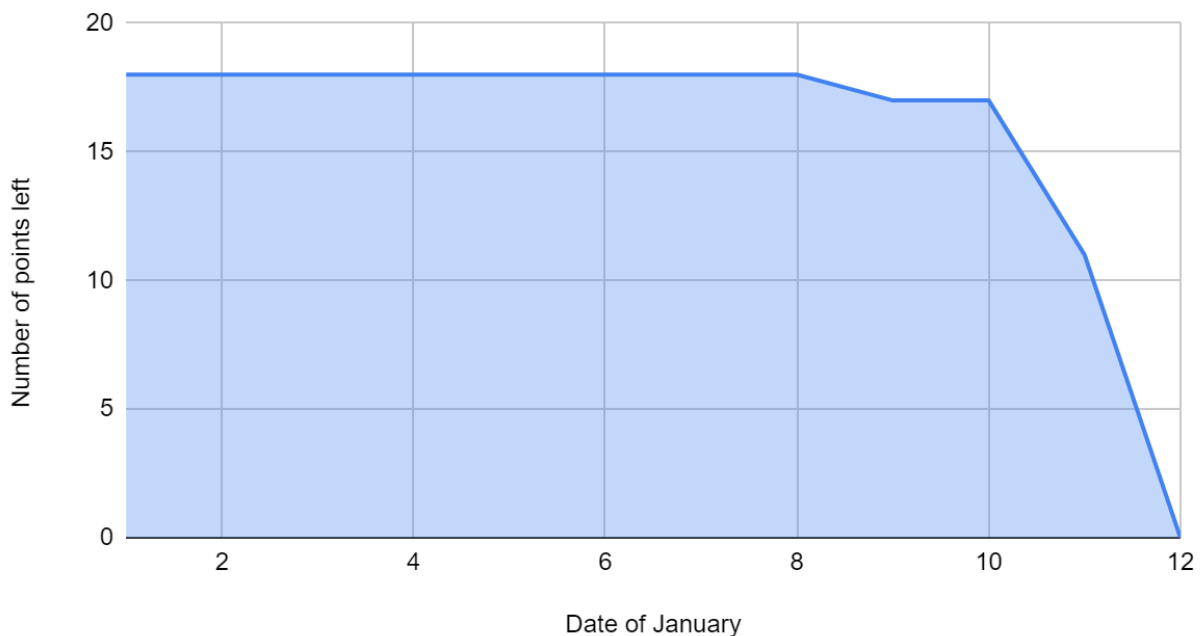
Sprint Backlog Items/Status

***Create Donor Profiles & Create Recipient Profile** -> Originally we had stories for “Create Donor Profile” & “Create Recipient Profile” but realized that was redundant. We merged these stories together into “Create Student Profile” which fit better into what we actually are trying to do.

Other than that, we don’t remember making any changes to the backlog for items during the sprint.

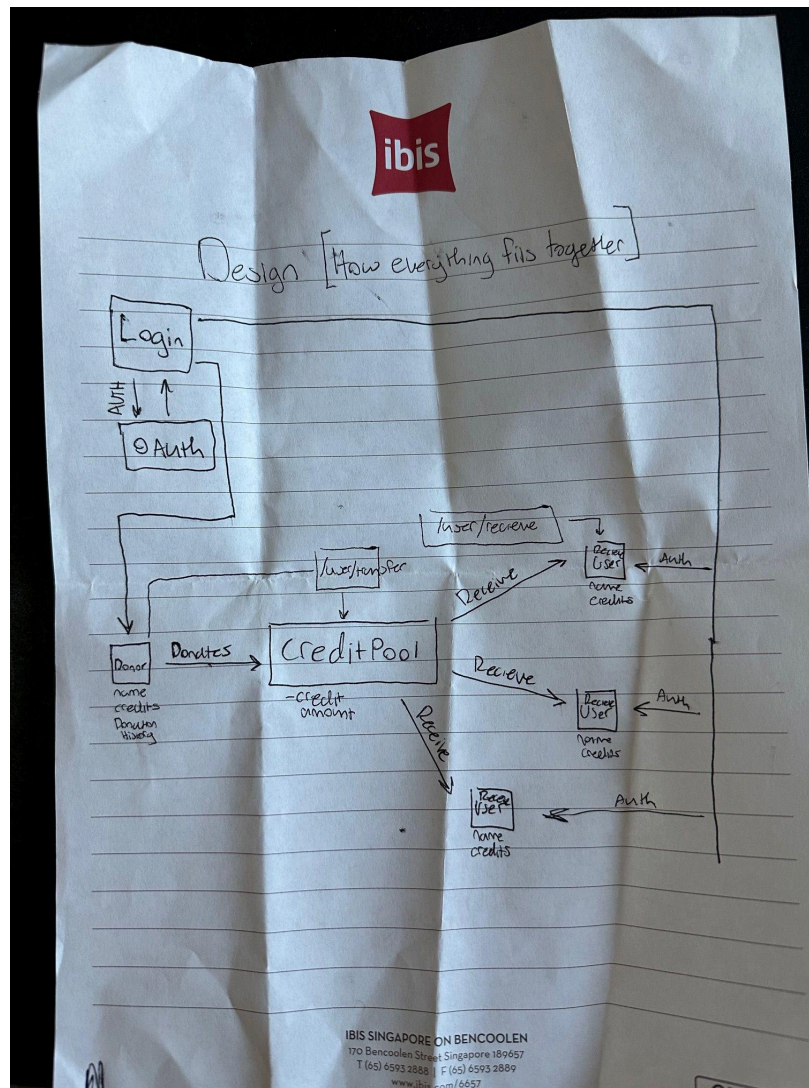
Burndown Chart

Burndown Chart for Sprint 1



Ordinarily we would like to have used Pivotal Tracker for the burndown chart, however you need to create a “release” in order to track the burndown chart and we didn’t know this. We’re unable to add a release now because the sprint is locked due to it being after Jan. 14th. We’ll do this for future sprints. Additionally the reason it looks like this is because we categorized “done” as your feature being 100% coverage tested, which we didn’t completely finish until the end, this doesn’t mean we waited until the last minute to do any work though, progress on tasks were being made early.

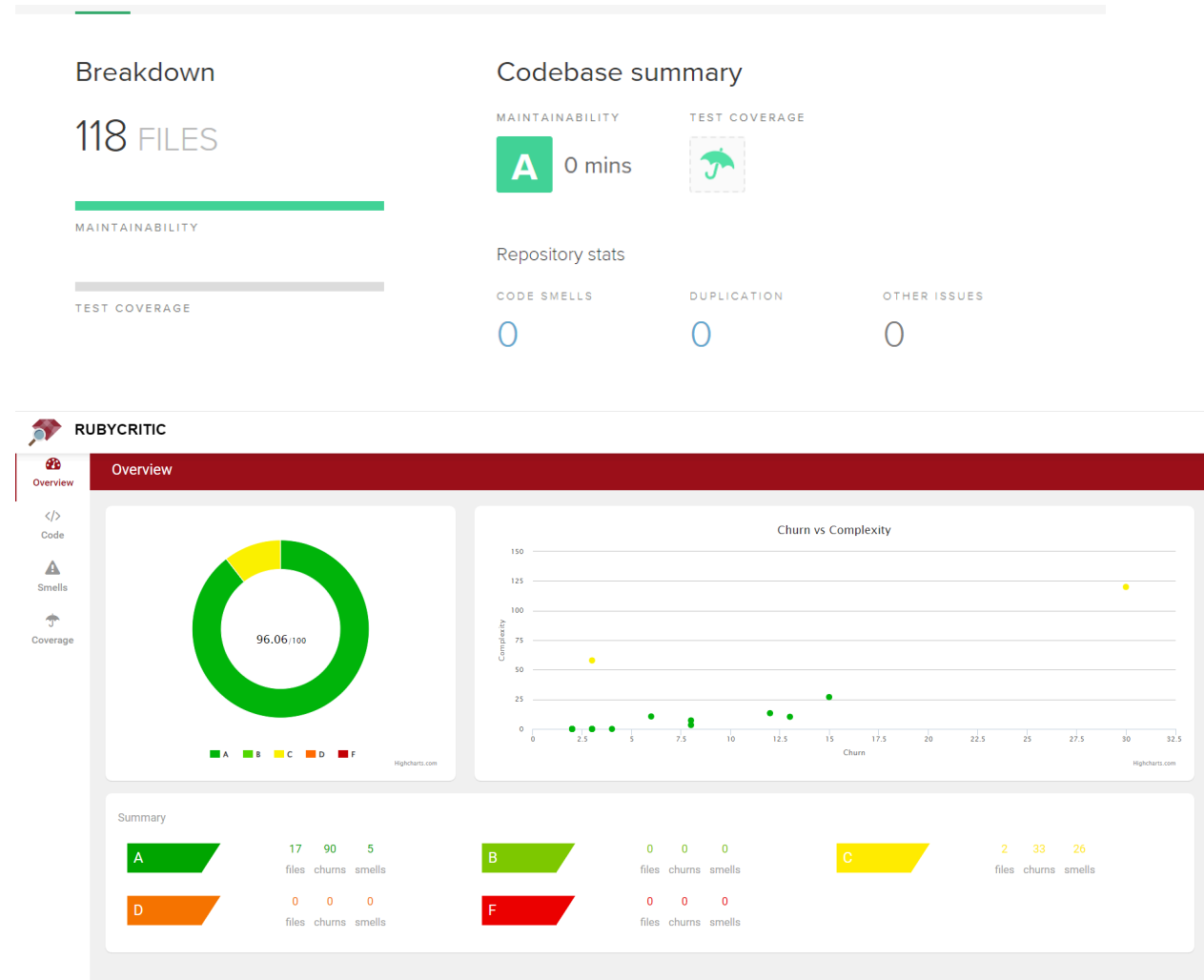
Design Diagram



Documentation of Changes

No major changes

Evaluations of Code and Test Quality



Customer Meeting

We demoed to the customer on Thursday December 11th at 8:00am over Google Meet. The meeting was essentially a rundown of where we were at, how much we had done. We explained we were pretty much done with all of the features for the sprint, but needed to finish getting to 100% test coverage (this happened a day before the sprint ended). He said that was okay and we demoed the features of the MVP for him. He was satisfied with the MVP and offered some advice on where to go next, such as simplifying the receiving process but said we had to think about that more. We asked some questions about the mock university api we had spoken about the week before, and he offered some guidelines about how it needs to be able to fit with **any** university entity, not just TAMU.

bdd & tdd

Yes, Cucumber Scenarios and rspec examples cover all features developed in this iteration. Though we were marked off for not good enough tests in the demo. See screenshots below:

```
ubuntu@ip-172-26-6-19:~/bytes$ rspec
.....

Finished in 1.43 seconds (files took 3.08 seconds to load)
38 examples, 0 failures

Coverage report generated for RSpec to /home/ubuntu/bytes/coverage. 164 / 164 LOC (100.0%) covered.
ubuntu@ip-172-26-6-19:~/bytes$
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

  Given I am on the login page      # features/step_definitions/profile_view.rb:16
  And I am logged in                # features/step_definitions/profile_view.rb:20
  And I am on the My Transactions page # features/step_definitions/user_transaction_log.rb:16
  And I press "Back to user"        # features/step_definitions/user_transaction_log.rb:37
  Then I should be on the users page # features/step_definitions/user_transaction_log.rb:41

12 scenarios (12 passed)
84 steps (84 passed)
0m1.137s

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

ubuntu@ip-172-26-6-19:~/bytes$
```