Sprint 4 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:
Mar 4 - Mar 22

Team Member Contributions: (story points)
Simone Kang (Dev) - added the ability for recipients to accept donation postings as well as for donors to cancel donation postings. (2 + 1 = 3)
Nick Ludwig (Dev) - Added a page for the recipients and donors to view the donation posting they are part of, either on the donating or the receiving side. (3)
Tyler Fredericksen (Dev) - added the ability for donors to edit previously created donation postings. (2)
Keegan Reynolds (Dev) - added a page to see available donation postings as well as the ability to confirm the donation postings. (2 + 1 = 3)
Kelvin Zheng (PO) - testing as well as communicating with our sponsor to confirm our progress.
Bryan Yan (Dev) - added the ability to handle donation posting such as designing and implementing the backend database table. (4)
Kaijie Chen (SM) - documentation as well as communicating with team members to ensure our progress.

Tyler Fredericksen	2 points	13.3%
Keegan Reynolds	3 points	20%
Kelvin Zheng	0 point	0%
Simone Kang	3 points	20%
Bryan Yan	4 points	26.7%
Nick Ludwig	3 points	20%
Kaijie Chen	0 points	0%

Sprint Goal
Our sprint goal for this sprint is to implement a new feature that our client requested, monitoring and promoting in-person meetups for schools that will not support the system. The
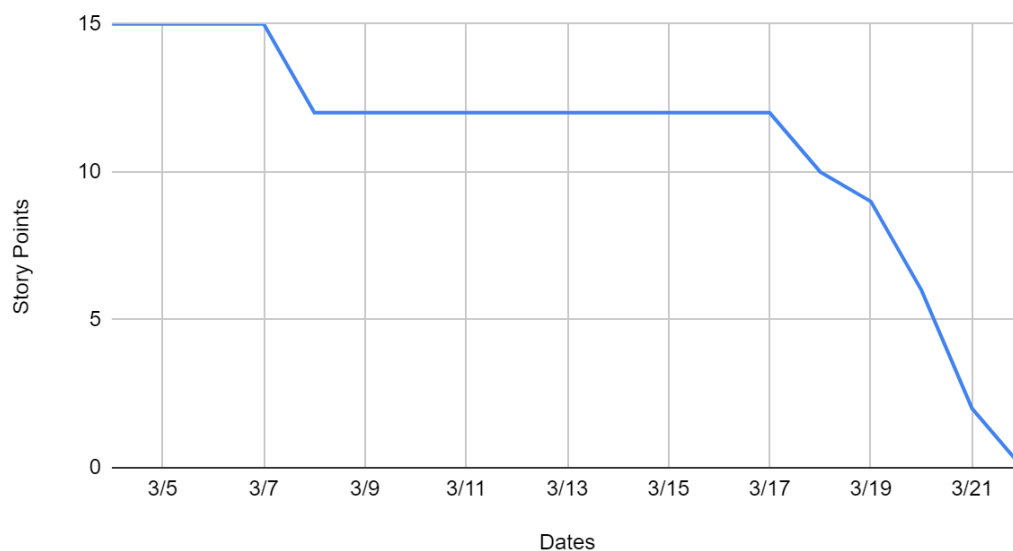
Sprint Achievements
Our sprint goal was achieved. With our current product at the end of the sprint, the donors are now able to create a donation posting specific to their request, like time and location. On the other hand, recipients can view available donation postings and accept donations. After accepting donations, both the recipients and donors can easily view their postings on a quick-to-easy access point. During this sprint, we have completed all of our stories and successfully implemented the feature that was requested by our sponsor.

Sprint Backlog Items/Status
Post in-person donation availability (4pt) - **Completed**
Available in-person donation listing (2pt) - **Completed**
Recipient accept in-person donation (2pt) - **Completed**
User's accepted in-person donations view (3pt) - **Completed**
Donor edit in-person donation posting (2pt) - **Completed**
Cancel in-person donation posting (1pt) - **Completed**
Confirming in-person donation (1pt) - **Completed**

Burndown Chart

A story was considered completed when all tests related to that story were passing and had >= 95% coverage

Design Diagram
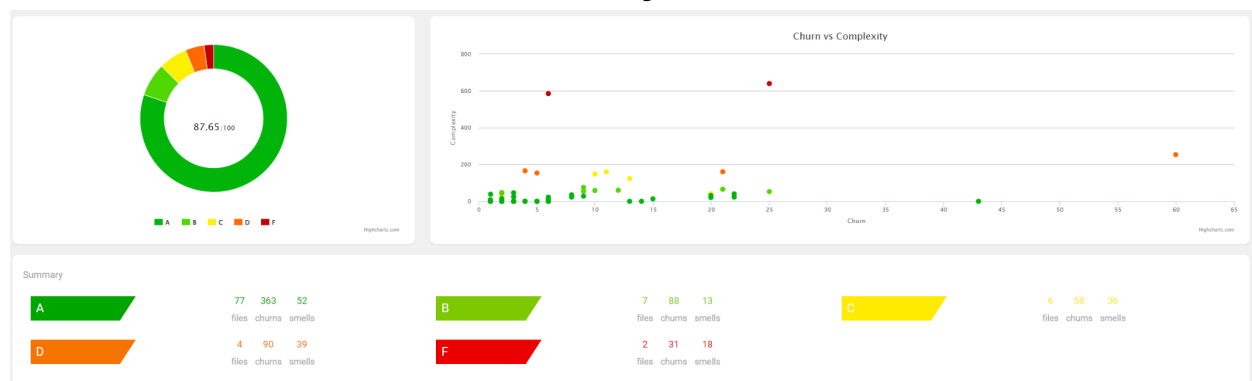No design diagrams were created during this sprint

Documentation of Changes
No major changes

Customer Meeting
We met with the customer on Tuesday, March 26th via Google Meet. In this meeting, the customer was satisfied with our product with the newly implemented in-person donation feature. The main topic of discussion for the next sprint was improving the overall look and feel of the application. A new feature that our client expressed interest in was an admin role. The admin role will help manage the overall status of our application in case some sort of error occurs.

Evaluations of Code and Test Quality

bdd & tdd
Yes, Cucumber Scenarios and rspec examples cover all features developed in this iteration.
See screenshots below:

```
kaijiechen2002@DESKTOP-OPCFPJT:/mnt/d/School/CSCE431/bytes$ bundle exec rspec
.......................................................................................................

Finished in 2.62 seconds (files took 2.13 seconds to load)
98 examples, 0 failures

Coverage report generated for RSpec to /mnt/d/School/CSCE431/bytes/coverage. 378 / 385 LOC (98.18%) covered.
```