Sprint 2 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 22 - Feb 2

Team Member Contributions: (story points)

Simone Kang (PM) - external api, testing
Nick Ludwig (SM) - reports, created and assigned stories, pivotal tracker updates
Tyler Fredericksen (Dev) - Credit request limitations and restrictions (2)
Keegan Reynolds (Dev) - Hide receive option from donors, Hide donate option from recipients,
View updated excess credit amount (1 + 1 + 1 = 3)
Kelvin Zheng (Dev) - Update recipient credits with API (1)
Bryan Yan (Dev) - Visual Styling for Login and Landing page, Visual styling for Receive and
Donate Page (2 + 2 = 4)
Kaijie Chen (Dev) - Prerequisite for creating recipient account (2)

Tyler Fredericksen	2 points	14.3%
Keegan Reynolds	3 points	21.1%
Kelvin Zheng	1 point	7.1%
Simone Kang	2 points	0.0%
Bryan Yan	4 points	28.6%
Nick Ludwig	0 points	0.0%
Kaijie Chen	2 points	14.3%

Sprint Goal

The primary goal for sprint 2 was to work on the external API that mimics that TAMU meal
service and integrate it with our MVP. We planned to enable the updating of credits within our
meal plan system when a donation is made or received through the external API. We wanted

certain options to be hidden on the landing page depending on the role of the account logged in. We also planned on enhancing the visual styling and user interface of the web application using the Bootstrap framework.

Sprint Achievements

We achieved all of our goals this sprint. We have an external API service that is deployed and mimics the current TAMU meal service. This API is connected with the bytes app and when transactions are made in Bytes, the change is reflected in the API. There are now different things that are hidden based on the role of the user. Our website also looks more polished due to more styling done during the sprint.

Sprint Backlog Items/Status

View updated excess credit amount (1pt) - **Completed**

Notify user when credit pool is low on request (2pts) - **Completed**

Hide receive option from donors (1pt) - **Completed**

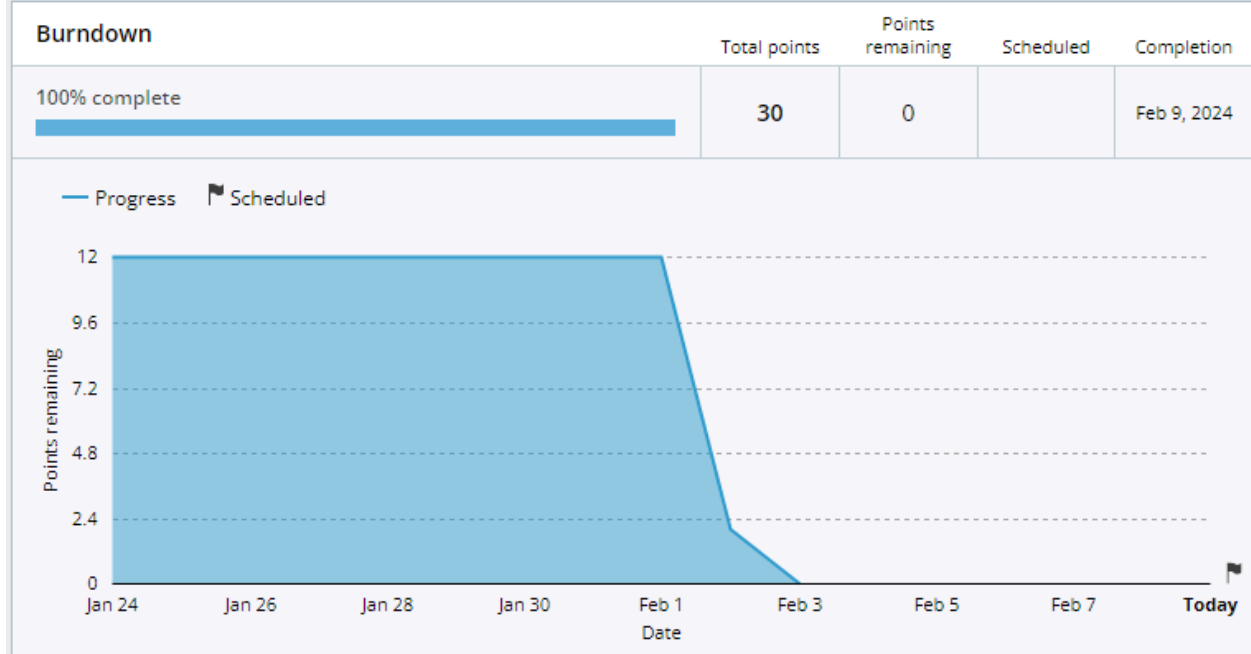Hide donate option from recipients (1pt) - **Completed**

Update recipient credits with API (1pt) - **Completed**

Visual Styling for Login and Landing page (2pts) - **Completed**

Visual styling for Receive and Donate Page (2pts) - **Completed**

Prerequisite for creating recipient account (2pts) - **Completed**

Burndown Chart

Burndown		Total points	Points remaining	Scheduled	Completion
100% complete		30	0		Feb 9, 2024

Progress Scheduled

Points remaining (y-axis): 12, 9.6, 7.2, 4.8, 2.4, 0
Date (x-axis): Jan 24, Jan 26, Jan 28, Jan 30, Feb 1, Feb 3, Feb 5, Feb 7, Today

A story was considered completed when all tests related to that story were passing and had >= 90% coverage

Design Diagram
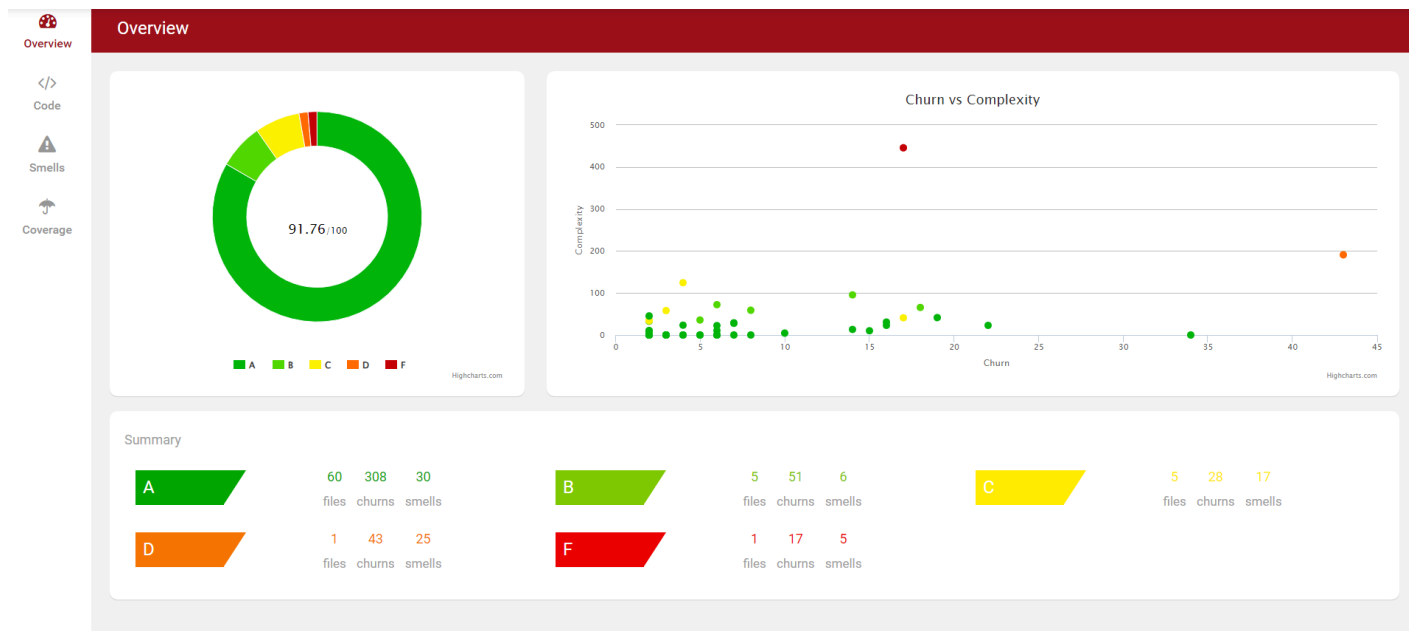No design diagrams were created during this sprint

Documentation of Changes
No major changes

Customer Meeting
We demoed to the customer on Tuesday, February 6th over Google Meet. We demoed the features of the mvp for him, and he was generally satisfied with the product. One main point of his feedback was that our design and styling needs to be congruous throughout the application, specifically our profile pages. His other point of feedback was that we need to make the application more flexible. He suggested an adapting layer to the api that should work with different schools and third parties. We then spoke about expectations for sprint 3.

Evaluations of Code and Test Quality

bdd & tdd

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