Sprint 1 - Retrospective

Links:
Pivotal Tracker: https://www.pivotaltracker.com/n/projects/2676556
GitHub repo
- PlaNXT: https://github.com/CSCE-606-Event360/Spring2024-PlaNXT
- CastNXT: https://github.com/CSCE-606-Event360/CastNXTs24
- EventNXT: https://github.com/CSCE-606-Event360/Spring2024EventNXT

Heroku Deployment
- PlaNXT: https://planxt.herokuapp.com/
- CastNXT: https://castnxtspring.herokuapp.com/
- EventNXT:https://eventnxt-0fcb166cb5ae.herokuapp.com/

Dates of the sprint:

2/02/24 - 2/16/24

Team Members:

- Product Owner: Alex Wise (Points - 3)
- Scrum Master: Louis Turrubiartes (Points - 3)
- Developer: Amalesh Arivanan (Points - 3)
- Developer: Xin Tong (Points - 3)
- Developer: Tianchen Huang (Points - 3)
- Developer: Tong Wu (Points - 3)

Sprint 1 - Goal:

The primary goal of this sprint was to deploy all three applications locally and on heroku and get familiarized with their working.

Sprint 1 - Achievements:

1. Environment/Heroku Setup for PlaNXT
    a. Points: 3
    b. Status: Completed
    c. Summary: Accomplished setup and deployment of the legacy PlaNXT app locally and on Heroku

2. Environment/Heroku Setup for EventNXT
    a. Points: 3
    b. Status: Completed
    c. Summary: Accomplished setup and deployment of the legacy EventNXT app locally and on Heroku

3. Environment/Heroku Setup for CastNXT:
    a. Points: 3
    b. Status: Completed
    c. Summary: Accomplished setup and deployment of the legacy CastNXT app locally and on Heroku

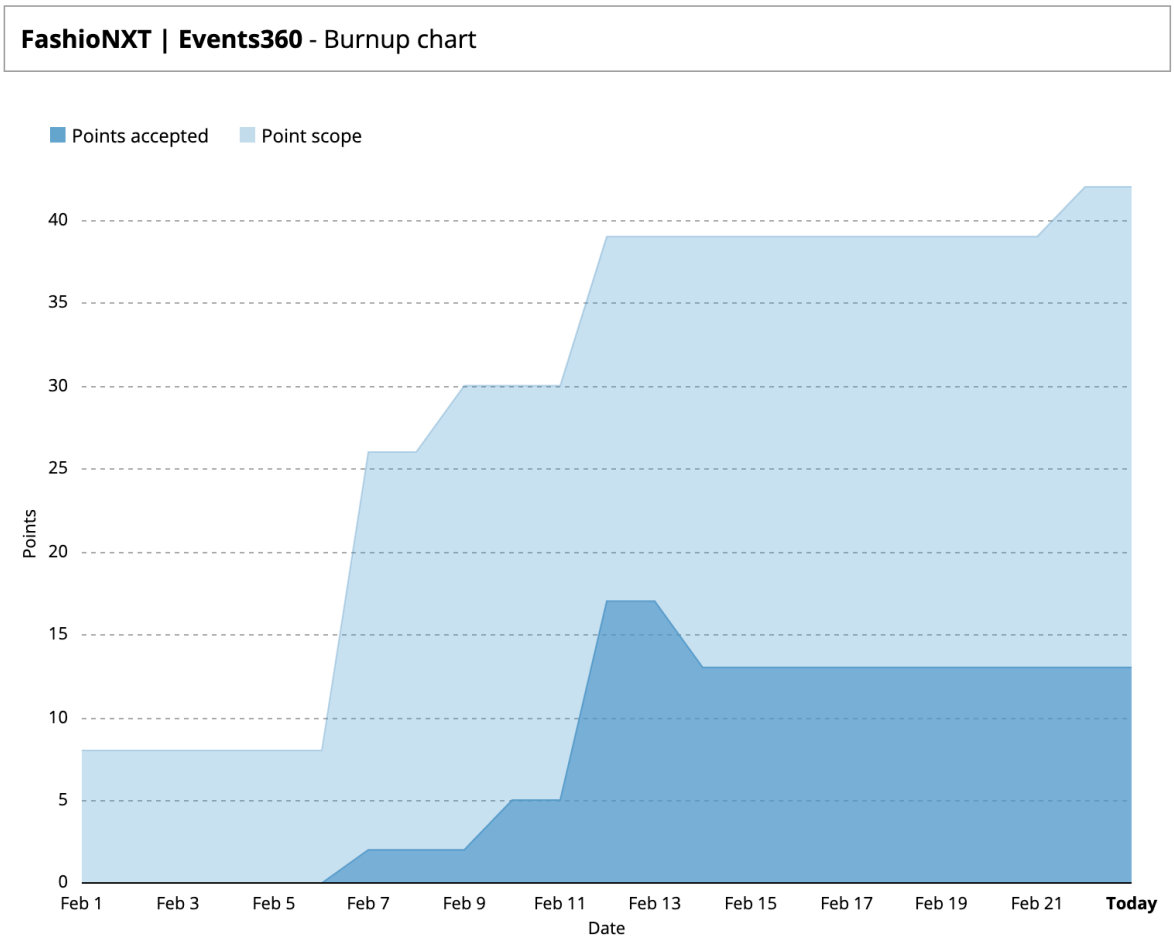
Sprint 1 - Backlog:

User Story 7: *Environment Setup for Event Planning Apps*

- *Feature*: Development Environment Configuration
- As a developer working on the event planning apps (CastNXT, EventNXT, and PlanNXT), So that I can efficiently contribute to the project, I want the development environment to be set up with the necessary tools and dependencies.

Reflecting on our sprint backlog, our main objective was to set up the development environment with the necessary tools and dependencies. The readme.md in the repository was updated to better instruct developers in deploying the application. Aid from previous developers demonstrating “new app installation” was crucial for this user story completion.

Sprint 1 - Burn down chart:



Sprint 1 - Evaluations:

1. PlaNXT: https://codeclimate.com/github/CSCE-606-Event360/Spring2024-PlaNXT
2. EventNXT: https://codeclimate.com/github/CSCE-606-Event360/Spring2024EventNXT
3. CastNXT:https://codeclimate.com/github/CSCE-606-Event360/CastNXTs24

Sprint 1 - Customer Interaction:

Customer meeting is set for every Tuesday at 7:00 on the given zoom link for that week.The feedback we've received highlights that after dedicating an entire sprint to project initialization and diving into documentation, the current expectation is to

transition into implementing both new and existing features across our three projects. In response, we've collectively decided to shift our approach. Rather than operating as three distinct teams, each focusing on a separate project every sprint, we'll function as one cohesive unit. This means tackling one project together each sprint and rotating to another for the following sprint.

BDD/TDD/PDD:

The crucial components of modern agile framework in software development are BDD, TDD and even PDD. BDD means we need to provide mathematical/logical verification based on the user stories, namely the requirement of the customers and clients, which guarantees the corresponding validation. TDD and PDD however puts more consideration on mathematical structures of the classes, modules, functions, encapsulations, types and even more. Please refer to the corresponding coverage reports from the GitHub projects after running cucumber for rails, rspec for rails, yarn test for Javascript framework. The crucial part in our current consideration might be raising the coverage among three subprojects, which will be valuable due to certain dependencies on the corresponding frontend implementation. The reports in general remained almost the same as the previous team's results, which actually leans more on just the ruby testings.

Conclusion:

We have basically finished this sprint 1 in the sense of agile framework for the development. We set up the basic foundational environment for the development in the local setting and the cloud setting in the Heroku platform. Also we made specific effort in understanding the basic fundamental structures of the subprojects, the implementation of the key functionalities. For PlaNXT, the crucial point of view should be focused on the improvement of the planning, scheduling mechanism of the fashion event area layout. The basic question one can ask around PlaNXT is that how to make the planning functionalities more user-friendly, more automatic, more straightforward, and more animated if possible, which can be seen as a crucial guideline for our Sprint 2 in the scope of the subproject PlaNXT. Of course similar questions can be asked for the rest two subprojects, which will certainly provide more foundation for the further specialization of the implementations in these subprojects.