CSCE606 Sprint 3 Retrospective

Links -

Deployed app: https://nxtfolio.herokuapp.com/
Github: https://github.com/sknc/NXTFolio_Spring_2024/
Pivotal tracker: https://www.pivotaltracker.com/n/projects/2635646
Slack: fashionxtnxtfolio.slack.com

Sprint Dates: March 18-March 29

Sprint 3 Team Roles -

Product Manager - Sai Chandhrasekhar
Scrum Master - Sai Tejas Janjur
Developers - Christopher Muniz, Ruvail Shahzad, Jubey Garza, Ziyu Wang

Sprint 3 Goals -

For Sprint 3, we continued our development on two fronts: implementing new features that the clients wanted for the app and improving the existing codebase through test coverages and legacy code refactoring. For this sprint(and future sprints), we placed a heavier emphasis on improving legacy code since adding new features while the existing codebase isn't maintainable would just cause extra headaches later and decrease overall productivity. When it comes to new features, developments were made to improve the gallery recommendation system, mobile views, and CRM.

Contributions -

Saikrishna Chandhrasekhar	Sai Tejas Janjur	Jubey Garza	Ziyu Wang	Ruvail Shahzad	Christopher Muniz
25%	25%	25%	25%	0%	0%

Implemented Stories -

Improved RSpec coverage - 5 points - Sai Chandhrasekhar
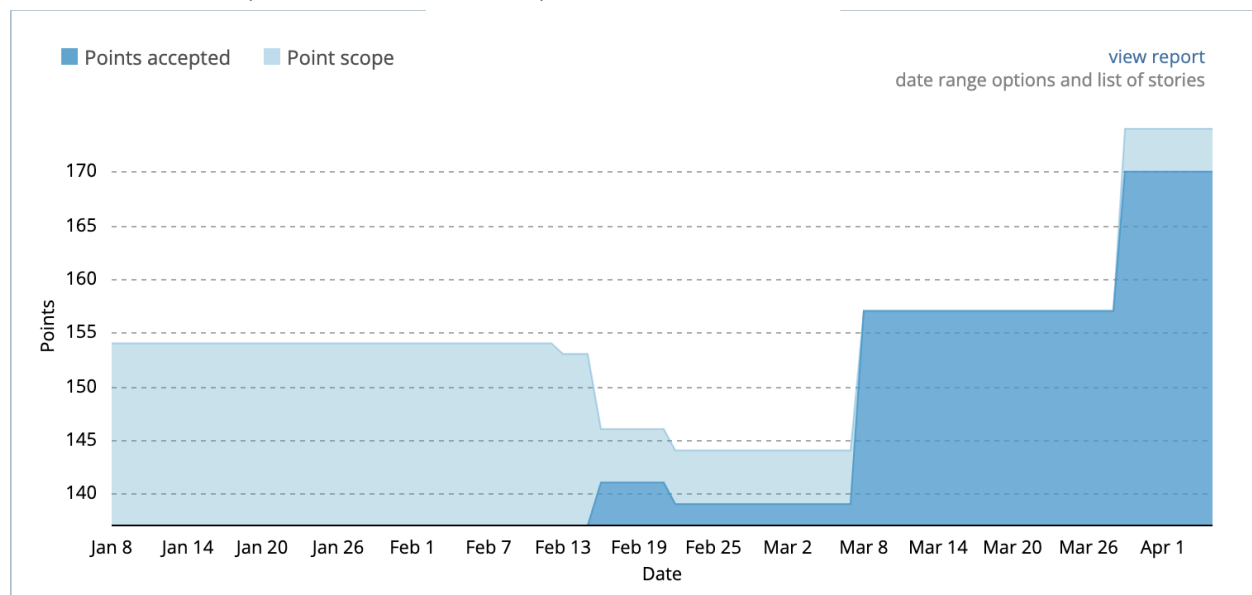Create tagging - 2 points - Sai Chandhrasekhar
Mobile View - Sign in / Sign up page - 2 points - Sai Tejas Janjur
Adding Enable user in CRM - 2 points - Jubey Garza

Sprint 3 Backlog -

Home page nav bar - 2 points - Sai Tejas Janjur - ran out of time
See My Profile button and DMs - 2 points - Jubey Garza - ran out of time
See follow button - 2 points - Jubey Garza - ran out of time
Improve code quality - 5 points - Jubey Garza - ran out of time
Notification - 2 points - Ziyu Wang, Christopher Muniz
Cucumber Test Coverage - 4 points

Burndown Chart(from Pivotal Tracker) -

Design Diagram-
N/A

Legacy Code Refactoring -
Continuous efforts were made to refactor existing code, and as a result, code coverage and test quality have improved dramatically(see below).

Code and Test Quality Evaluation -
We managed to improve the RSpec coverage to 90%, a significant leap from our coverage of sprint 2, which was 28%. However, we could not work on improving code quality or Cucumber coverage, so it is still currently at 37%, the same as sprint 2.

Customer Meeting -
April 5, 2024, 6-7 pm

BDD and TDD -

```
Coverage report generated for RSpec to /home/runner/work/NXTFolio/NXTFolio/coverage. 1383 / 1529 LOC (90.45%) covered.
```

```
JSON Coverage report generated for Cucumber Features to /home/runner/work/NXTFolio/NXTFolio/coverage.        670 / 1790 LOC
(37.43%) covered.
```

https://codeclimate.com/github/FashioNXT/NXTFolio