

CSCE606 Sprint 2 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: February 24-March 8

Pulled stories -

Feature: Get the search bar working - 3 points - Sai Chandhrasekhar

Feature: Save user information in the edit profile page - 2 points - Sai Chandhrasekhar

Feature: Display travel information country - 1 point - Sai Chandhrasekhar

Feature: Added code that dynamically resizes the images on the homepage - 2 points - Sai Tejas Janjur

Feature: Changed code for home page text content to center when mobile view detected - 2 points - Sai Tejas Janjur

Feature: Re-discover CRM API functionality - 3 points - Jubey Garza

Feature: Legacy Code and Test Refactoring - 5 points - Ziyu Wang, Sai Chandhrasekhar

Sprint 2 Team Roles -

Product Manager - Sai Chandhrasekhar

Scrum Master - Sai Tejas Janjur

Developers - Christopher Muniz, Ruvail Shahzad, Jubey Garza, Ziyu Wang

Contributions -

Fixed bugs and improved RSpec and Cucumber test coverage - Saikrishna Chandhrasekhar

Implemented mobile view for homepage and login page - Sai Tejas Janjur

Integrated CRM with app - Jubey Garza

Saikrishna Chandhrasekhar	Sai Tejas Janjur	Jubey Garza	Ziyu Wang	Ruvail Shahzad	Christopher Muniz
30%	30%	30%	10%	0%	0%

Sprint 2 Goals -

The client wanted four main development categories completed: CRM, UI/Mobile view, notification system, customized landing page, and search recommendations for logged-in users. For us, we took over this project from the previous semester, and there are still a lot of glaring problems with the existing codebase. While we want to continue working on new features, we know that taking care of existing bugs is just as important, if not more. Thus, our biggest goal is to improve the test coverage, code quality, and maintainability, which have all failed since before we took over.

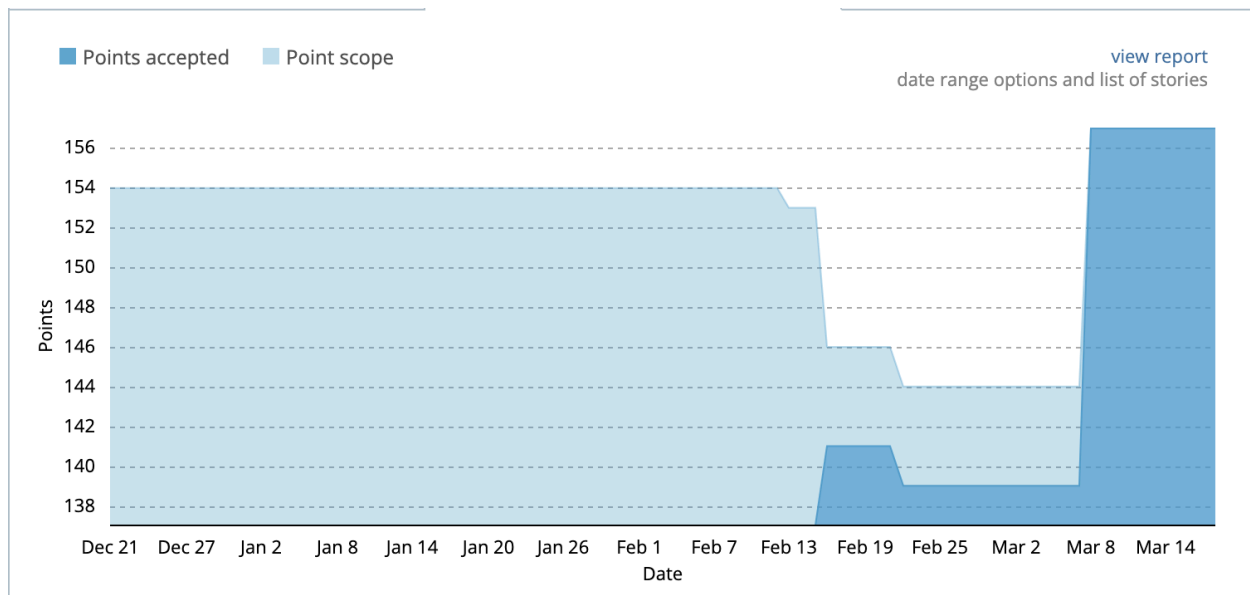
Sprint 2 Backlog -

Feature: Add bottom nav bar for homepage - 4 points - Developer was unable to finish

Feature: Improve code quality - 5 points - Developer was unable to finish

Feature: Notification - 2 points - Developer was unable to finish

Burndown Chart(from Pivotal Tracker) -



Design Diagram-

N/A

Documentation of Changes-

We added code for the new features listed above, increased test coverage, and commented out code that was not used and wasn't working, such as failing RSpec and Cucumber tests.

Legacy Code Refactoring -

We refactored the legacy code to fix various bugs. For example, an existing feature allows users to enter travel information. The country that they traveled to was not displayed on the page. When users sought to edit their profile information, their country and state were not saved as default options.

Code and Test Quality Evaluation -

The Cucumber test coverage improved to 37%, while the RSpec coverage improved to 28% We inherited the tests from the previous quarter and wrote new tests for the login and general info controllers. We could not improve code quality due to our understaffed team.

Customer Meeting -

March 19, 2024 3-4 pm

BDD and TDD -

```
1465
1466 67 scenarios (67 passed)
1467 533 steps (533 passed)
1468
1469 | Share your Cucumber Report with your team at https://reports.cucumber.io |
1470 |
1471 5m4.813s
1472 | Command line option:  --publish |
1473 | Environment variable:  CUCUMBER_PUBLISH_ENABLED=true |
1474 | cucumber.yml:         default: --publish |
1475 |
1476 | More information at https://cucumber.io/docs/cucumber/environment-variables/ |
1477 |
1478 | To disable this message, specify CUCUMBER_PUBLISH_QUIET=true or use the |
1479 | --publish-quiet option. You can also add this to your cucumber.yml: |
1480 | default: --publish-quiet |
1481 |
1482 Coverage report generated for Cucumber Features to /home/runner/work/NXTFolio/NXTFolio/coverage. 674 / 1808 LOC (37.28%) covered.
```

```
Coverage report generated for RSpec to /home/runner/work/NXTFolio/NXTFolio/coverage. 481 / 1706 LOC (28.19%) covered.
```

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