

CSCE606 Sprint 1 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 3-16 -

Pulled stories -

Feature: Add Sign up button next to sign in button - 1 point - Chris

Feature: Make the home page gallery scroll with the page not in its scroll box -1 point - Ziyu

Feature: Category buttons fix - 1 point - Chris

Feature: Add a navigation bar that has “Creators,” “Services,” “Makers,” and Gallery. - 1 point - Jubey

Feature: Create a company register page - 1 point - Sai Tejas Janjur

Feature: Center all items on the home page - 1 point - Sai Tejas Janjur

Feature: Easier Gallery navigation - 1 point - Ziyu

Sprint 1 Team Role -

Scrum Master - Saikrishna Chandhrasekhar

Product Manager - Sai Tejas Janjur

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

Contributions -

Ziyu Wang - Gallery navigation fix

Saikrishna Chandhrasekhar - Fixed bugs in login/sign up/galleries code

Sai Tejas Janjur - Center home page content

Jubey Garza - Tried adding a nav bar on each page

Christopher Muniz - No contribution

Ruvail Shahzad - No contribution

| Saikrishna Chandhrasekhar | Sai Tejas Janjur | Jubey Garza | Ziyu Wang | Ruvail Shahzad | Christopher Muniz |
|---------------------------|------------------|-------------|-----------|----------------|-------------------|
| 30% | 30% | 20% | 20% | 0% | 0% |

Sprint 1 Goals -

The goal of this sprint is to improve the legacy code. Some bugs make certain features cause errors that need fixing. Some UI elements are very clunky or just not intuitive to use. For this sprint, the aim is to resolve these issues.

Implemented Stories -

Feature: Make the home page gallery scroll with the page not in its scroll box

Feature: Center all items on the home page

Feature: Fixed inability to log in and sign up for application

Sprint 1 Backlog -

-Feature: Add Sign up button next to sign in button - Developer was not able to finish

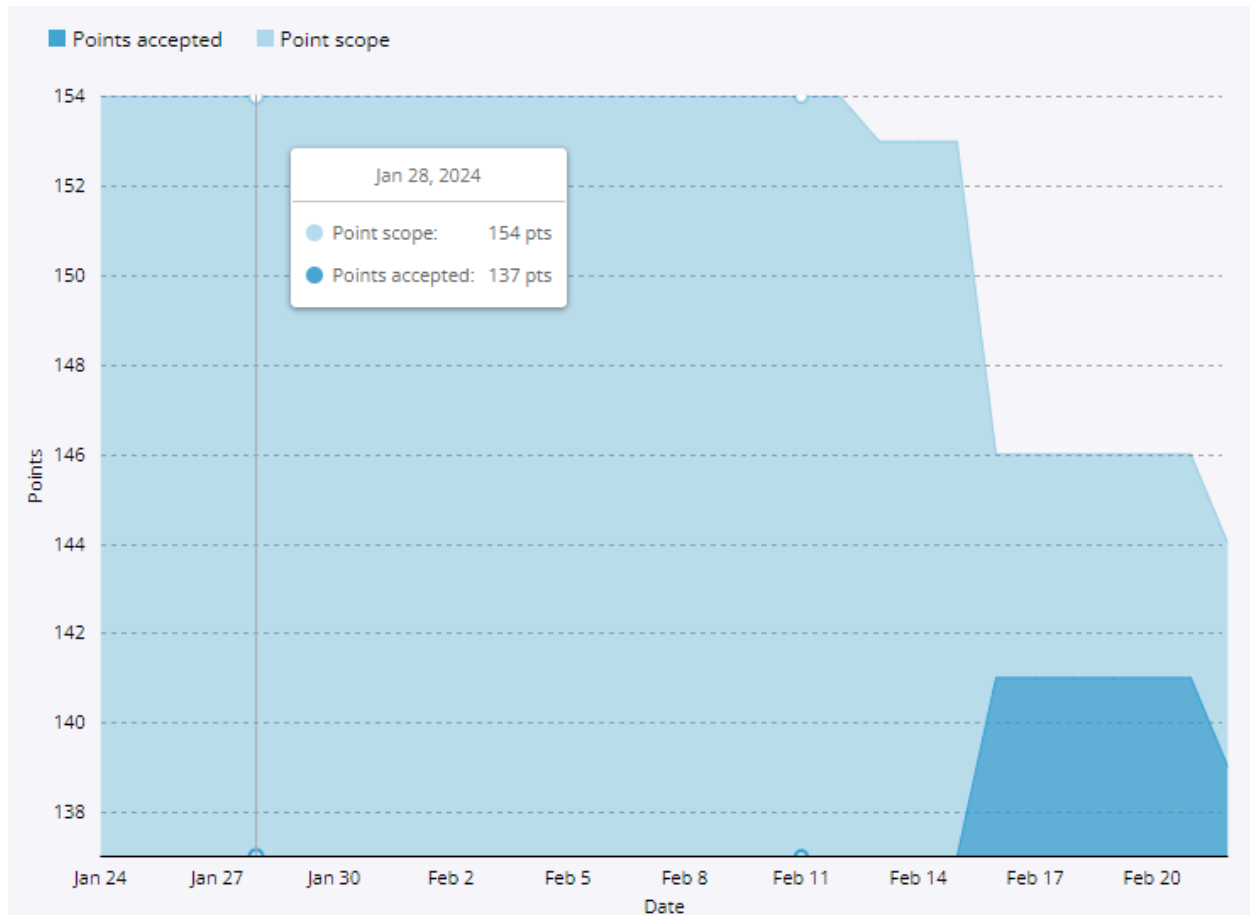
-Feature: Category buttons fix - Developer was unable to finish

-Feature: Personalized Landing Page for First-time Visitors - Unassigned

-Feature: Add suggested items to search bars to help people know how to use them - Unassigned

*-Feature: Adding a nav bar - This was not possible due to the current implementation of the web app. - Investigated

Burndown Chart(from Pivotal Tracker) -



Design Diagram-

For this sprint, no new features were added. Instead, improvements were made or investigated for existing code. Therefore, no new design diagrams were needed.

Legacy Code Refactoring -

Since this is a legacy project, many of our user stories from the first sprint tackled refactoring the existing codebase. This is a large project that has been worked on for years, and we found some glaring problems with the existing code. We refactored the legacy code to fix issues with the login and signup features. Previously, the existing code did not check whether specific values were nil, which caused errors when trying to log in and display certain pages. We refactored many parts of the HTML code to improve the user experience. There was a lot of redundant code that wasn't DRY.

Code and Test Quality Evaluation -

The test coverage was 26%. We inherited the tests from the previous quarter and plan to improve coverage for the next sprint. The smells fell into a few categories- too many arguments and overly high cognitive complexity per function, too many lines of code in files and functions, too many return statements in a function, and excessively complicated logical expressions and overly nested control flow statements. For BDD and TDD testing through cucumber and Rspec testing, since we only worked on existing features, the tests still cover all the functionality.