

Sprint 2 Retrospective

Brandon Hill

October 2024

1 Links

- Deployed App: <https://nxtfolio-fall-24-ff06e002a0ca.herokuapp.com/>
- GitHub: <https://github.com/omarkhater-school/NXTFolio>
- Slack: <https://csce606-nxtfoliogroup.slack.com/>
- Tracker: <https://tree.taiga.io/project/honraoyash-fashionxt-nxtfolio/>

2 Sprint Duration

- Start Date: October 11th, 2024
- End Date: October 25th, 2024

3 Team Members and Contribution

- Brandon Hill (Scrum Master): Conducted daily stand up meetings. Checked in with developers and user story progress. Communicated with product owner to keep user stories focused on improving the application. Worked on AI user bio feature. Debugged and found necessary installations to get feature working.
- Manikanta Gudipudi (Product Owner): Completed chat improvement feature. Made UI changes to attach files and send, also few UI changes to the message box to neatly view long messages when typing, and added files download logo to download files from messages and store them locally. Communicated with client and set up meetings to discuss sprint plans.
- Caroline Li (Developer): Worked on edit project information feature. Enhanced the project edit page so users can easily update their projects' descriptions and titles, organized the project detail page to be more user-friendly by moving some features to the edit page, and added an option to upload and delete individual images of the project.

- Likhith Majjigapu (Developer): Completed chat improvement feature. Made sure that notification pops up when a user messages you and respective UI effects were implemented. Sorted users list based on latest message sent/received.
- Omar Khater (Developer): Worked on Ai User Bio feature. Created a basic implementation of the feature along with some cucumber scenarios, their step implementations. Following TDD, BDD practices, I started creating a spec file. I identified many urgent refactoring needs that need to be addressed before working on advanced features like Ai User Bio.
- Venkat Pitta (Developer): Worked on the 'Instagram Integration' feature. Created a 'Meta Developers' account and configured a new app for Instagram OAuth Integration. Created basic routing setup for authentication flow added Instagram connect button and started working on test cases.
- Yash Honrao (Developer): Worked on the 'Instagram Integration' feature. Created a basic implementation of the feature, but faced issues for testing it. Created a 'Meta for Creators' account, got it verified using email and phone number, and then created an app on it which will be required for integration of Instagram posts.

Name	Brandon Hill	Manikanta Gudipudi	Caroline Li	Likhith Majjigapu	Omar Khater	Venkat Pitta	Yash Honrao
Contribution	14.29%	14.29%	14.29%	14.29%	14.29%	14.29%	14.29%

4 Sprint Goals

The goal of this sprint is to implement a few new features and successfully get the AI integration running. After gaining a better understanding of the legacy code, the application, and the customer's goals we will now add features to improve the usefulness and responsiveness. There will be a focus on new API integration for other platforms like Instagram per the customers request. We would like to get the basic integration and functions in this sprint to allow for more technical features later. Integrating this API during the sprint will allow us to show the client how it works and things that can be done through the API. We will also be adding the necessary edit feature to projects and increasing responsiveness by improving chat features. While we are working on these goals, we will also strive to improve code quality of new and legacy code. This project has been worked on for a while by multiple different groups meaning there is going to be code that needs refactoring and even some code that is outdated. We want to improve the longevity of the code while also improving the overall code climate.

5 Sprint Achievements

These stories were implemented and pushed

Improved user experience by upgrading the legacy messaging functionality and responsiveness

Feature: Improved chat feature

As a user

So that I can better connect with other people

I want a more reactive messaging interface

Scenario: Improved chat

Given I am logged in

When I receive a message

Then I should see a visible icon on my user menu in the corner

When I go to messages

Then I should see my conversations in order by most recent

6 Backlog Items and Status

6.1 Removed/In progress stories

Feature: Improve user bio with AI

As a CEO of FashioNXT

So that I can Improve user portfolio

I want to give user AI-suggestions on how to refactor their bio

Scenario: AI improve bio

Given I am logged in

And I am on the edit profile page

When I press AI Improve button on the user bio

Then I will see a text suggestion

And it will contain a new bio suited for my profile

This story was not completed because of complications related to poor database schema from legacy code.

Feature: Connect to Instagram

As a user

So I can showcase my other platforms

Want to be able to connect my Instagram account to my profile

Scenario: Connect to Instagram

Given I am on the edit profile page

And I see a button to connect to my Instagram account

When I click on the button

Then I will be redirected to an Instagram authentication page
And I will be able to log in
And I will choose which data to grant the website access to
Then I will be redirected to the edit profile page

This story was not completed because of API and testing complications

Feature: Edit project information

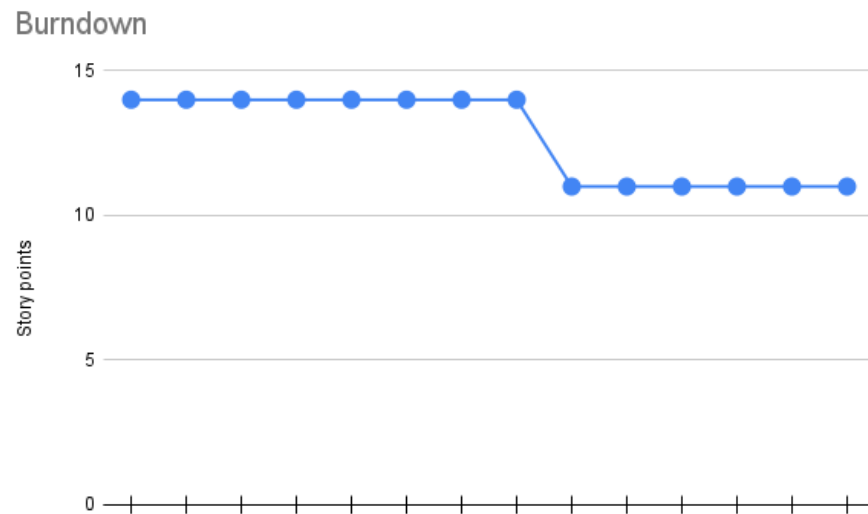
As a creator
So that I can update my project information
Want to edit and save changes to published projects

Scenario: Edit a project

Given I have a project created
And I am on the show project page
When I click the edit button
And I enter new information
And I press save changes
Then the project data is changed

This story was not completed because developer is working on test cases that ensure proper function of the feature

7 Burndown graph



8 Design Diagrams

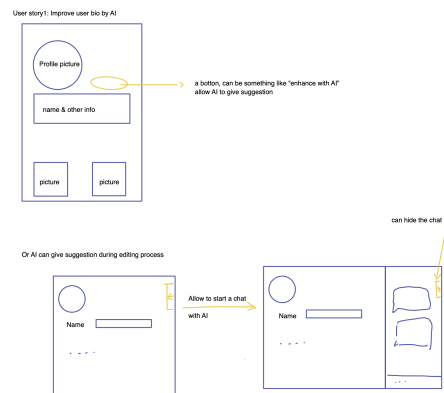


Figure 1: (Feature: Improve user bio with AI)

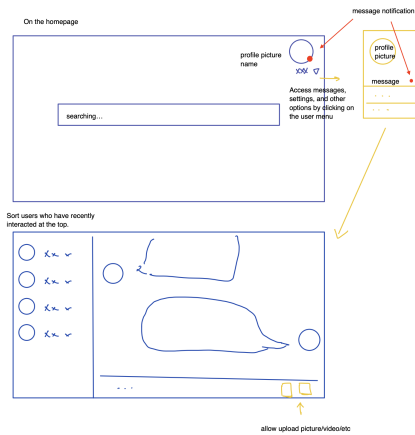


Figure 2: (Feature: Improved chat feature)

9 Documentation of changes

Chat improvement feature has been implemented and the other changes/stories are still in progress. The ai user bio story has slightly been expanded due to necessary database changes. Other refactoring and organization changes to code were made as needed.

10 Code and test quality

- Smells: 351
- Coverage: 91.1%

```
JSON Coverage report generated for Cucumber Features, RSpec to /home/match-my-fashion-
public-CodeCreators/coverage.      1444 / 1585 LOC (91.1%) covered.
```

- CodeClimate: <https://codeclimate.com/github/omarkhater-school/NXTFolio>

11 Customer meetings

11.1 Sprint Meeting

- Date: October 15, 2024
- Location: (Zoom)
- Summary: Discussed plans for current sprint and brought up concerns. Displayed diagrams and documents for current sprint.

11.2 MVP Meeting

- Date: October 22, 2024
- Location: (Zoom)
- Summary: Showcased Demo of current application. Discussed Current sprint features and progress. Also discussed future sprint plans and concerns.

12 BDD & TDD

All of the new and in progress code was written using BDD and TDD principles. All new features from this sprint are covered by rspec and cucumber tests.