

## **NXTFolio - Iteration 4**

### **Team Members**

- Guang Hui Liew – Scrum Master
- Piyush Sharan – Scrum Master
- Quanqi Hu
- Vishnuvasan Raghuraman – Product Owner

### **Links**

GitHub repo: <https://github.com/FashioNXT/NXTFolio/tree/fall2023>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2635646>

Slack: <https://app.slack.com/client/T05RUQT9FQB/C05REBYT4S3>

Deploy: <https://nxtfolio.herokuapp.com>

### **Client Meeting**

**Customer Meeting:** Zoom, Friday, 10 Nov. - 6pm

[11/10/2023](#) - [Client meeting summary](#)

A successful demonstration of the collaborator-only comment feature was presented to the client, who expressed satisfaction with the implementation. Additionally, a demonstration of the AI chatbot feature, incorporating minor modifications from the previous meeting, was well-received. Following Professor Ritchey's recommendations to enhance legacy test case coverage, a consensus was reached with the client to prioritize test writing and coverage improvement in the upcoming iteration. The client also suggested addressing UI bugs after the coverage has been enhanced.

## User Stories Implementation

We have picked the following user stories to work on for this iteration.

### **User Story 1:**

#### **Feature: Collaborator Comment Access**

As an Active and Engaging User,  
So that I can get commenting access,

If I have collaborated with over 3 different users, then I get the comment access and I am able to comment on any gallery on the website.

The feature development phase was successfully concluded in the last iteration, culminating in a comprehensive demonstration for our client. Subsequently, the client presented additional modifications to the feature that posed challenges in terms of implementation.

During the current development cycle, we have successfully addressed and completed all aspects of the specified feature. Rigorous testing has been conducted, using diverse user scenarios, gallery interactions, and tagging functionalities. Our commitment to thorough testing ensures the robustness and reliability of the feature, reflecting our dedication to delivering a high-quality product that meets both client expectations and industry standards.

### **Changes to User Story:**

*Earlier, we had implemented the feature as follows ->*

Only the users who have collaborated with a certain gallery and the owner of the gallery would be able to comment on it.

*But now, we modified the feature according to the client's requirements as follows ->*

Any user who has collaborated with greater than or equal to 3 unique users, would get the "Comment Access", as in he would be able to comment in ALL the galleries on the website.

We have successfully modified the feature and completed its implementation.

## TESTING:

We have added multiple Cucumber scenarios and verified that each line of code is getting hit. We have ensured that Code Coverage for this feature is at 95%.

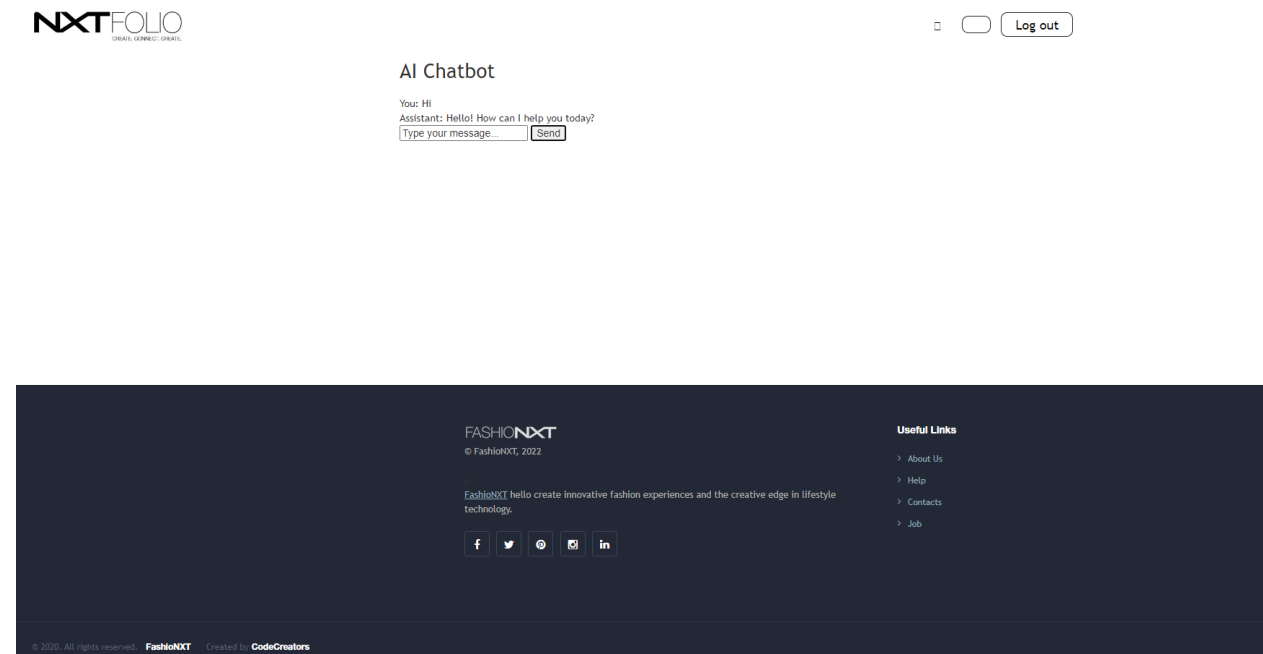
## User Story 2

### **Feature: AI Chatbot**

As a fashion content creator

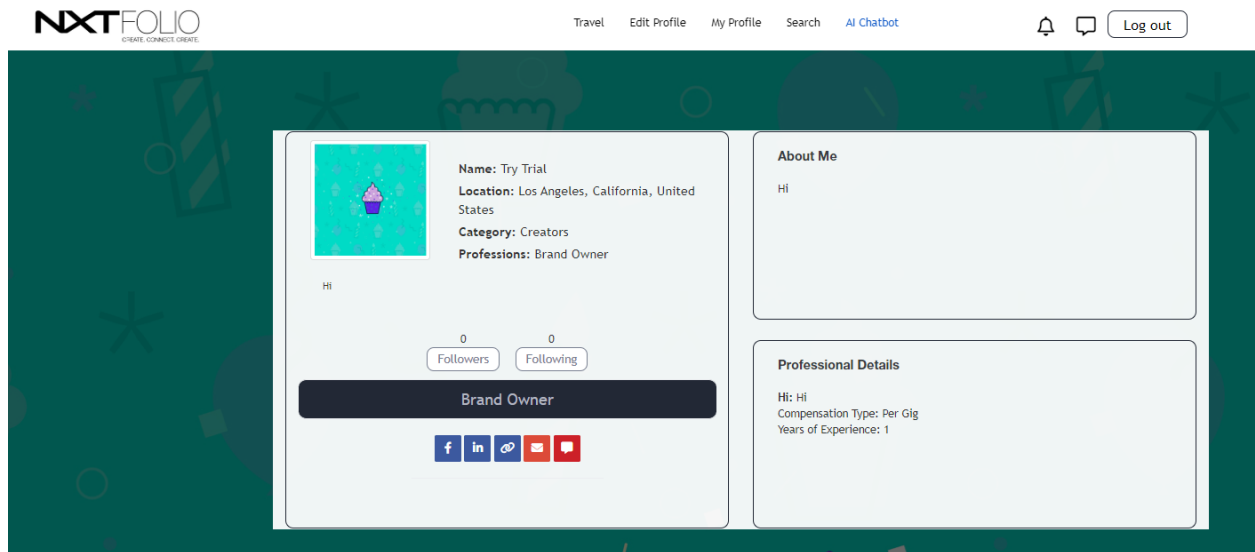
I want to get suggestions on how to set up a nice portfolio profile for NXTFolio

In this iteration, we focused on the front-end design for this feature. The footer is fixed to the bottom of the webpage using CSS Flexbox.



## Changes to User Story:

Previously, the AI chatbot was accessible from the homepage. The client suggests moving it to the profile page to align with the feature's objective of providing suggestions to set up user profiles.



### User Story 3

#### **Feature: Seed fake jobs**

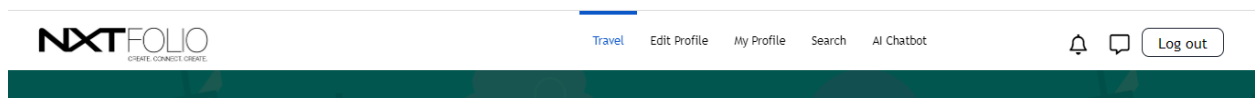
As a user

I can see multiple fake jobs on the job searching page

In this iteration, for better testing on the job search feature, we add 100 fake jobs via seeding.

#### Other Update

The Travel feature is added to the banner of the profile page to highlight its presence, as it will be a major feature users utilize.



### Unfinished Stories:

All the User Stories that we chose for this iteration have been completed and tested completely.

## Test Cases and Coverage (SimpleCov & Cucumber + Rspec) :

### 1. Collaborator Commenting Feature ->

```
1 feature: add a comment in a project
2   As a valid collaborator with a project
3   I want to add a comment in the project
4
5
6   Background: galleries in database
7
8   Given the following users exist
9     | name | password | job | city | state | id | highlights |
10    | Andrea.Picardo | Test1234! | Model | Houston | TX | 2 | test |
11    | Anthony.Gray | Test1234! | Model | Houston | TX | 3 | test |
12    | Emma.Watson | Test1234! | Model | Houston | TX | 4 | test |
13    | John.Doe | Test1234! | Model | Houston | TX | 5 | test |
14    | Jane.Smith | Test1234! | Model | Houston | TX | 6 | test |
15
16   Given the following galleries for testing delete exist
17     | title | description | total | id | num |
18     | t1 | high1 | 20 | 2 | 4 |
19     | t2 | high2 | 15 | 3 | 3 |
20     | t4 | high4 | 5 | 5 | 1 |
21     | t5 | high5 | 2 | 6 | 0 |
22     | t6 | high6 | 3 | 4 | 5 |
23
24   Given the following tagging exist
25     | gallery | user_id |
26     | t1 | 4 |
27     | t2 | 4 |
28     | t4 | 4 |
29     | t5 | 5 |
30
31   Scenario: User can view the add comment button in their gallery
32     Given I am logged in as "Andrea.Picardo"
33     Given I am a valid gallery user
34     Given I am on the home page
35     When I click on "t1"
36     Then I should see "Enter a comment"
37
38   Scenario: Users can successfully submit a comment on their portfolio posting
39     Given I am logged in as "Andrea.Picardo"
40     Given I am a valid gallery user
41     Given I am on the home page
42     When I click on "t1"
43     Then I should see "Enter a comment"
44     And I click the "Enter a comment"
```

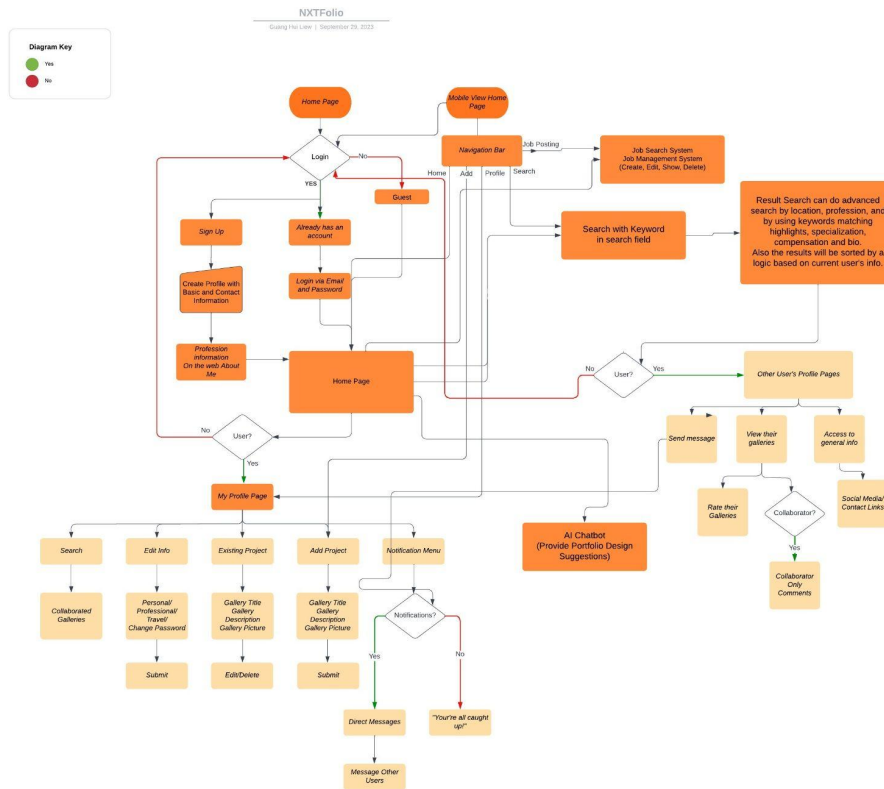
```
7 scenarios (7 passed)
72 steps (72 passed)
0m58.291s
```

We have added 7 scenarios that test our code thoroughly and gives over 95% coverage. All 7 of these scenarios are passing and completing.

```
84 scenarios (37 failed, 1 undefined, 46 passed)
598 steps (37 failed, 134 skipped, 6 undefined, 421 passed)
17m10.756s
```

Coverage report generated for Cucumber Features to /home/runner/work/NXTFolio/NXTFolio/coverage. 616 / 2260 LOC (27.26%) covered.

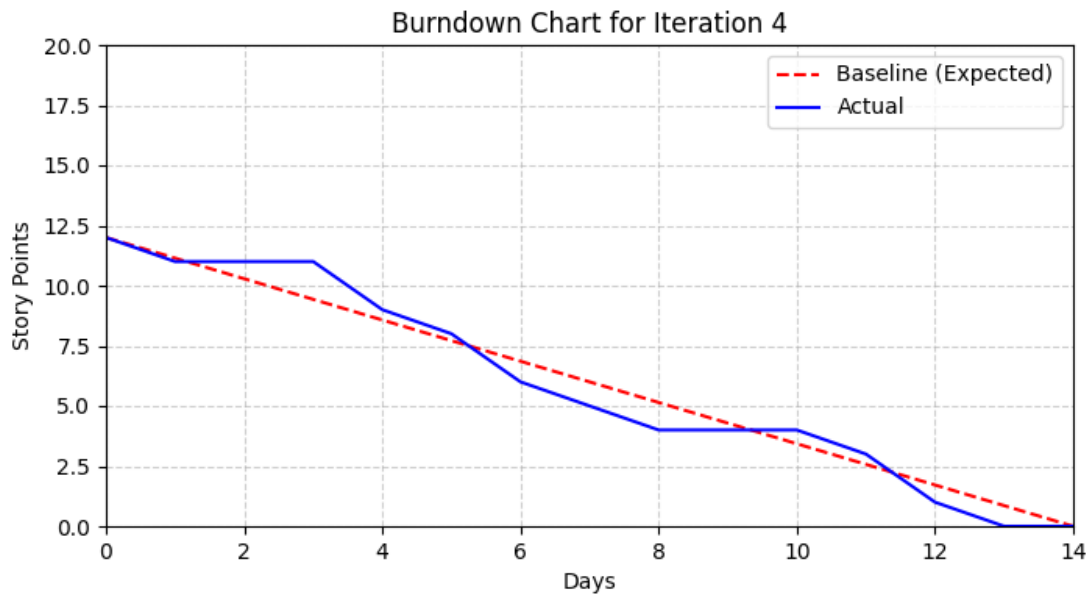
## Design Diagram (See attached file in i4.tar) :



## Production & System Customer Transfer

The repository is uploaded to the client's GitHub and deployed on Heroku with the client's credentials. This iteration we have also successfully deployed the collaborator commenting feature and the AI Chatbot feature.

## Burndown Chart



## Member's Effort

Total Points = 12

|        | Guang Hui Liew | Piyush Sharan | Quanqi Hu | Vishnuvasan Raghuraman |
|--------|----------------|---------------|-----------|------------------------|
| Points | 3              | 3             | 3         | 3                      |
| Effort | 100%           | 100%          | 100%      | 100%                   |

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2635646>