# NXTFolio - Iteration 2

## 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, Thursday, 12 Oct  - 5 pm

10/12/2023  -   Client meeting summary

During this week's customer meeting, several crucial points were discussed to enhance NXTFolio. Emphasizing the need for data preservation, it was highlighted that data losses from previous semesters must be prevented, prompting a focus on robust data-saving mechanisms moving forward. With the job posting feature issue resolved, customer suggested further improvement of the search algorithm, a recommendation that will be integrated into ongoing development efforts. A strategic decision was made to postpone the development of the mobile view feature, enabling the incorporation of new features for a more comprehensive user experience upon its eventual implementation. Key features currently in active development include collaborator-only comments and an AI chatbot. Lastly, the client provided design references, suggesting Behance.net and Creatively.life for the platform's aesthetics and Upwork.com for job posting and smart contract functionalities. Overall, the project is progressing with a strong emphasis on data security, user experience enhancement, and the integration of innovative features, aligning the platform with industry standards and client expectations for the creation of NXTFolio, a cutting-edge fashion portfolio website.

## User Stories Implementation

Chosen User Stories ->

**Feature: Job Posting**

As a user

So that I can post a job

I want to be able to post jobs and manage the posted jobs in the job management system.

**Feature: Enabling Comments on Galleries**

As a User,

So that I can comment on my posts,

I want to be able to comment on my posts, both created and collaborated. I also want my collaborators to be able to comment on my post.

We have picked the above 2 user stories to work on for this iteration.

### User Story 1:

The job posting feature was merged with the master branch last semester but unfortunately, it isn't functioning as expected. On local deployment, the job posting and management features work well and pass all tests. However, after we deployed the application to Heroku, users encountered issues and were unable to post or manage the job listings. During this iteration, we managed to locate and fix the issues, and currently the job posting function works as expected on Heroku application.

Furthermore, we identified an incomplete feature related to the job posting.The previous team initiated work on this functionality, yet it appears that the search algorithm is not functioning properly, and only the interface is present. We've decided to treat this as a new user story and address it in a future iteration.

Moving forward, for the next iteration we will be working towards the following User Story too ->

**Feature: Job Posting**

As a user

So that I can search for a job posting

I want to be able to search jobs based on category, profession, country, state, or city.

**<u>User Story 2:</u>** ( **Changes to User Stories** )

In response to the client's request to implement the functionality of enabling Collaborator-only comments and Comments by rating, we have decomposed the overarching user story into two distinct, manageable tasks.

In the current development cycle, we have established the foundational framework for appending comments to each gallery post, an aspect that was absent in the initial iteration. As a result, users now possess the capability to engage in commentary on one another's posted content.

Furthermore, we have meticulously incorporated multiple Cucumber test scenarios, aligning with rigorous Test-Driven Development (TDD) and Behavior-Driven Development (BDD) methodologies. Concurrently, efforts have been directed towards rectifying local testing procedures, and we are optimistic in affirming the identification of a viable resolution. Each of these scenarios has been subjected to comprehensive testing to verify their successful execution, resulting in 90% test coverage for the newly added code.


## Test Cases and Coverage (SimpleCov & Cucumber + Rspec) :
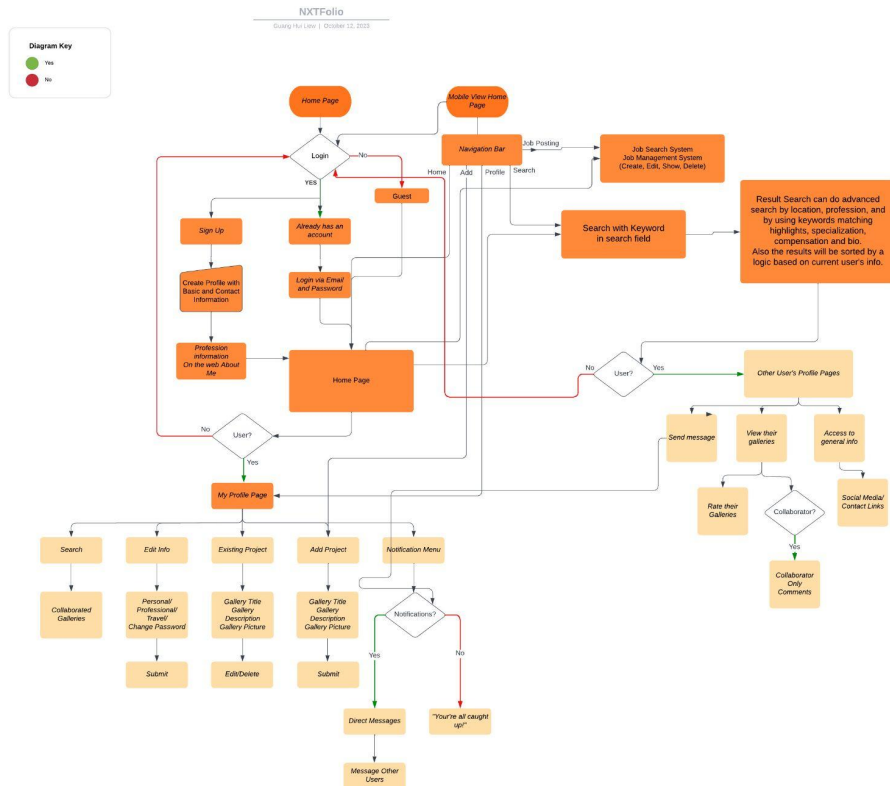
During this iteration, we managed to fix the issues in local testing. The problem appears to be on the connection to the webdriver. Now the legacy tests behave as expected and we added new tests for user stories that we are currently working on.

We added new Cucumber Scenarios for testing the newly added functionality for adding comments in each gallery.

Our current test cases cover 90% of the newly added functionality.

## Design Diagram (See attached file in i2.tar) :

In this iteration, we focused on working on the job posting feature and collaborator only comment feature.
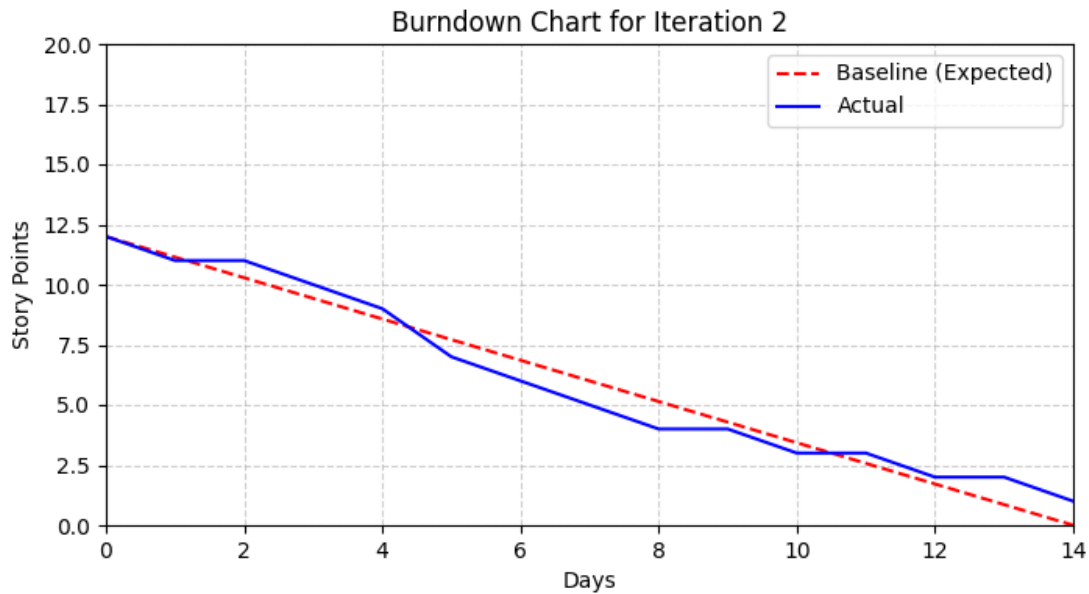


## Unfinished Stories

Mobile view was selected for this iteration, however after identifying the current status of this feature (only Home Page is available) and that we will be creating more views and pages as we develop new features, we came to agreement with the client that we will postpone the development of this feature.

## Production & System Customer Transfer

The repository is uploaded to the client's GitHub and deployed on Heroku with the client's credentials.

## 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