

# Sprint 4 Plan

## Team Roles

**Scrum Master:** Likhith Majjigapu

**Product Manager:** Venkat Pitta

**Developers:** Caroline Li, Omar Khater, Venkat Pitta, Yash Honrao, Brandon Hill, Manikanta Gudipudi

## 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/>

## Sprint Goals

The main focus of this sprint is to improve the mobile user interface, improve the sign up process with email authentication and improve AI profile building feature by extracting user profile details from other websites like LinkedIn, personal blogs, etc..

Enhancing the mobile UI is important to make the app easier to use and more responsive, especially since users have requested a better experience on mobile devices.

We will improve User bio generated by AI by extracting more professional information of the user from various other sites like LinkedIn and improving the promo given to AI. In addition, we'll also refactor parts of the legacy code to improve performance, readability, and maintainability, making it run more efficiently and easier to understand. This process will help reduce the number of code smells and lower overall code complexity, leading to a higher score on the code climate and ensuring that the code is in line with best practices for long-term sustainability.

By the end of this sprint, we aim to deliver an improved mobile UI, a more organized codebase, and improved AI features, and a fully updated set of user stories, setting a strong base for future work.

## User Stories

Feature 1: Improve Mobile Interface

As a user

So that I can make the app more accessible

I want to make the mobile interface more attractive. Scenario: Update Mobile Interface Design

Given I am accessing the app on a mobile device

When I am on the main page of the app on a mobile device

And I should see a cleaner, more responsive layout  
And I will see larger buttons for easier navigation  
And I will see improved visual elements, such as icons and fonts  
Then I should be able to navigate the app more easily on my mobile device

Feature 2: Improve User Bio using AI  
As the CEO of FashionXT  
So that I can Improve my user portfolio  
I want to give user AI suggestions on how to refactor their bio  
Scenario: AI improves bio  
Given I am logged in  
And I am on the edit profile page  
When I press the AI Improve button on the user bio  
Then I will see a text suggestion  
And it will contain a new bio suited to my profile

Feature 3: Improve Sign-up with email authentication, proper message pop-ups and better UI  
As a new user  
So that I can verify myself on the new sign-up page  
I want to have email verification when I try to create my new account

Feature 4: Improving Code Climate and Test Coverage  
As a developer  
I want to reduce the number of code smells  
To improve performance, readability and maintainability of the code  
And I want to add more test cases  
To make sure that code is bug free

## Story Assignments

Feature 1: Improve Mobile Interface

Assignment: *Brandon Hill*

Story Points: 4

Tasks:

1. Create mockups for the new mobile interface design such as layout, color scheme, and typography.
2. Implement responsive buttons, menus, and other UI elements to ensure they adapt well to various screen sizes.

Time estimate: 2 week

Feature 2: Improve User Bio using AI

Assignment: *Likhith Majjigapu, Manikanta Gudipudi*

Story Points: 4

Tasks and Time Estimates:

1. Extract user professional data from other sites
2. Format the data and improve the prompt
2. Add a paragraph for a response from AI
3. Add functionality to send chat to AI about a new bio

Time estimate: 2 weeks

Feature 3: Improve Sign-up

Assignment: *Yash Honrao, Caroline Li*

Story Points: 4

Tasks:

1. Add email authentication step before user being registered
2. Show proper pop-ups like requirements of password to be at least 8 characters or password mismatch, etc.
3. Improve UI interface of Sign-up page

Time Estimate: 1 week

Feature 4: Improving Code Climate and Test Coverage

Assignment: *Omar Khater, Venkat Pitta*

Story Points: 3

Tasks:

1. Improve code climate by reducing code smells
2. Add more test cases and cucumber scenarios

Time Estimate: 2 weeks