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Team Member Information

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Stage B

Feature 1: User Account Creation

Our Riki system will include a feature that allows users to create user accounts to save their personalized settings and information. The intention is to create a framework to be build upon that allows developers to provide more features for users down the line, but also gives clients and easy to use account creation process and the guarantee that their account can be returned to after creation.

Rationale

User accounts are necessary for individualizing users. It is essential for saving user information and ties the client's preferences and information to their account.

Requirements

As a user, I expect to be able to create a user account if I have never been on the Riki before.

As a user, if I have made an account, I expect to be able to log back into the account after creating it

Deliverables

All deliverables can currently be found on the GitHub branch user\_accounts (linked below). This will be updated if conditions change.

Feature 2: *Creating a User Page*

Rationale

A user page will be created to give users a place to personalize their Riki experience. This feature can also be further built upon to offer more features, such as showing user-related or user-saved information.

Requirements

As a user, I want a User Profile, so that I can know what I have said and save what I am interested in.

Deliverables

All deliverables can currently be found on the GitHub branch user\_accounts (linked below). This will be updated if conditions change.

Design

**Temporary Design:**

User account is the mother class which is composed of a user page and user information. User Page is aggregated to user information in order to pull user info to fill out the page. User page is a separate entity to make it easier to add features to the product later. Currently UserInformation is storing all user data, but will likely change as a database will be implemented in the C-stage and the UserInformation class will pull data from the server in order to properly save the data so it isn't erased after runtime.

*A diagram of a user account

Description automatically generated*

* code:

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accountsLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts)

* test:(temporary)

[*https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accountsLinks to an external site.*](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts)

* documents:

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accounts/DocumentationLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts/Documentation)

Test Plan

Direction: Team members make unit tests, and team leaders make integration, regression, and acceptance tests.

Integration tests if two or more modules are interacting correctly, regression tests are to check if changes won't break the previous codebase, and acceptance tests are to check if the requirements are met or not.

Milestones and Deadline

* + **Deadline**: 3/17
  + Milestone 1
    - Date: 3/17
    - Goal: Creation of a project outline and preparation for the development phase of the project.
  + **Deadline**: 4/21
  + Milestone 2
    - Date:
    - Goal: Development of feature 1 and 2 (user accounts/user page) completed and implemented successful into main branch.

Risk Analysis

1. Interaction with other modules (As they are completed and implemented during C-Stage)
2. Midterm 2 (4/10)
3. HW3 (4/3)
4. HW4 (4/24)

Stage C: Progress

Feature Implementation

Week 13

Summary

Creation of user accounts implemented and working onto the user\_accounts branch.

Milestones or risks in this week

**Requirements completed:**

As a user, I expect to be able to create a user account if I have never been on the Riki before.

As a user, if I have made an account, I expect to be able to log back into the account after creating it

Lines of Code: 38

Week 15

Summary

Expected progress rate: 75%

Written tests: 0%

Burndown rate: 50%

user account creation user\_id attribute  
user page creation nearly finished, running into issues, will be resolved early in production week  
tests will be written early in production week

Milestones or risks in this week

**Requirements completed:**

As a user, I expect to be able to create a user account if I have never been on the Riki before.

As a user, if I have made an account, I expect to be able to log back into the account after creating it

Lines of Code: 92

Code

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accountsLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts)

Tests

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accounts/TestsLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts/Tests)

Document

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accounts/DocumentationLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts/Documentation)

Week 16

Summary

Expected progress rate: 100%

Written tests: 100%

Burndown rate: 100%

user page implementation complete.

Tests and documentation complete.

Final product delivered.

Milestones or risks in this week

Product tested and passing.

Product delivered and complete.

**Requirements completed:**

As a user, I want a User Profile, so that I can know what I have said and save what I am interested in.

Lines of Code: 352

Code

[https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user\_accountsLinks to an external site.](https://github.com/FlamingPyro/CSC440-Wiki-Gaming/tree/user_accounts)

Tests

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