
CPSC 304 Project Cover Page

Milestone #: 3

Date: March 6, 2024

Group Number: 9

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

List of Tasks:

1. Login and Register Page

Front-end:

- Ensure GUI provides functionality for the user to provide all the different attributes of each 'User' type (entity)
- Design login and register pages separately for professional cooks and home cooks.

Back-end:

- Handle passwords and sensitive information.
- Ensure a user doesn't register twice.
- Implement authentication logic for both user types.

Database:

- Ensure all attributes of both types of users are updated in their tables.
- Ensure relationships are set.
- Create User tables for professional cooks and home cooks with respective attributes.

2. Home Page

Front-end:

- For home cooks, include sections for leaderboards and upcoming events.
- For professional cooks, provide functionalities to post recipes and view a list of followers.
- Develop a home page with a list of users you can follow and recipe posts by chefs.

Back-end:

- Fetch upcoming events and leaderboards for home cooks.
- Provide professional cooks with an interface to manage recipes and view follower stats.

Database:

- Tables for events, leaderboards, recipes, and followers.
- Relationships and queries optimized for performance.
- Update schemas to support home page features.

3. Recipe Page

Front-end:

- Craft a detailed recipe page accessible to both user types.
- Include sections for ingredients, cooking equipment, video tutorials, and comments.

- Provide editing capabilities for the posting chefs.

Back-end:

- Handling of video content and storage.
- Develop logic for displaying and managing recipes.
- CRUD operations for recipes, with additional editing functionalities for the poster.

Database:

- Consider storage solutions for videos (direct storage or links).
- Implement security measures for editing permissions.
- Design tables for recipes, ingredients, and comments.

4. Events Page (for Home Cooks)

Front-end:

- Design the events page with a list of upcoming events and registration options.
- Ensure a user-friendly registration process.
- Display detailed information about each event.

Back-end:

- Backend support for event management.
- Logic to handle event registrations and attendee lists.
- Serve event details to the front end.

Database:

- Create an events table with necessary details.
- Include fields for event location, dates etc.
- Manage relationships with users (registrations)

Timeline:

Week 1

- Finish the skeleton of front-end (Home Page – Pro & Home Chef, Registration and Login – Pro & Home Chef, Events – Home Chef, Recipe - Pro & Home Chef)
- Each Person assigned two pages
- Complete 80% of front-end by week 1
- Ensure that the GUI covers all functionality as required for each page
- Each team member will work on 2 out of 6 pages
- Task distribution:
 - Jacky Feng: Front end of both Types of Home Pages
 - Mohammad Fakhir: Both Recipe page types (Creator and Viewer)
 - Safiullah Kaleem: Both the login pages and the Event page

Week 2

- Complete remaining front-end
- Set up the database
- Work on back-end to set up individual functionality by setting classes for each page
- Complete all the individual functionality of the 6 pages
- Work distribution is like Week 1. Each person is assigned 2 individual components to work on out of the 6 ones above.
- Task distribution:
 - Jacky Feng: Back end of both Types of Home Pages
 - Mohammad Fakhir: Backend for both Recipe
 - Safiullah Kaleem: Backend for Both the login pages and the Event page, and setting up the database
- Anyone done early can help the partner with extra work

Week 3

- Complete any remaining functionality
- Combine the backend and ensure everything works by having some scripts
- Coordinated efforts as we all contribute to each stage of the project together
- Task distribution:
 - Jacky Feng: Script of both Types of Home Pages
 - Mohammad Fakhir: Script for both Recipe
 - Safiullah Kaleem: Scripts for Both the login pages and the Event page.

Week 4

- Remaining scripts
- In case we face delay in implementation
- Extras; decided per need
- No specific work distribution depending on the progress made before week 4
- Intention is to finalize things, all implementation is completed before

Challenges:

- Who would decide winner in events?
- Who would create and remove events?
- Do we need video moderation?
- Do we need good hashing for passwords?