

CPSC 304 Project Cover Page

Milestone #: 3

Date: 24 Jul 2024

Group Number: 20

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Abdulrhman Mohamed	36901149	w3x9a	abdulubc@yahoo.ca
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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

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1. Timeline and task breakdown/assignment: The breakdown should be at a level of detail that demonstrates that the group has spent time meaningfully considering what there is left to do. Note that we are not asking you to predict every single possible task that you will need to do. We want to see that the group understands the scope of what is left to do and is prepared to accomplish the remaining tasks in a reasonable manner. Each task should be assigned to a particular group member. Unless otherwise stated, it is assumed that all group members will work equally on the project. If this is not the case, state the work percentage breakdown for each member. This will serve as a written acknowledgement between all group members that there will be an uneven distribution of work.

Tasks:

Note: Utilizing SQL, Javascript, and node.js to complete this specific application as specified in Milestone 2 documentation and ER diagram. So, when referring to backend, frontend, and database, we are talking about using these specific technologies within this application.

1. Task: Set up necessary programming environments and databases for the project.
Completed by: Everyone.
Date: July 26th.
2. Task: Make any recommended changes TA mentions to the schema, tables, instances, etc from the in person meeting.
Completed by: Everyone.
Date: July 26th.
3. Task: Implement the SQL tables that are based on milestone 2 schema design, ensure properly implement all the necessary constraints and relationships in the table.
Completed by: Atta
Date: July 27th
4. Task: Insert statements completed in milestone 2 to populate the tables with information to perform queries on later.
Completed by: Atta
Date: July 27th
5. Task: Make the connection between the backend and the database itself so we can begin backend logic.
Completed by: Abdul
Date: July 27th
6. Task: Implement the necessary backend logic with the database so you can process data and interact with the database to meet application goals.
Completed by: Abdul, Atta
Date: July 28th-July 31st

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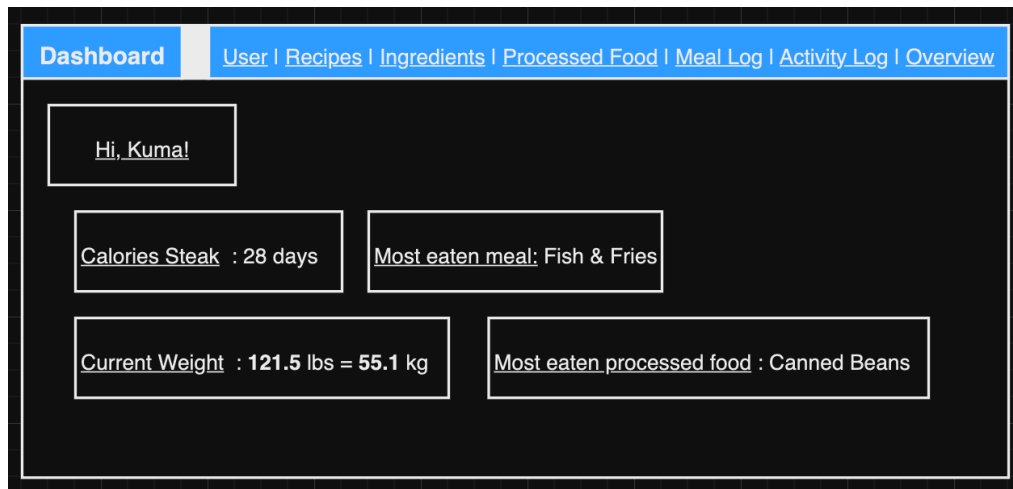
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7. Task: Make the connection between the frontend and the backend so that iteratively can test certain elements of the frontend environment.
Completed by: Vi
Date: July 27th
8. Task: Design frontend elements that the user will ultimately be interacting with, like the textboxes or buttons.
Completed by: Vi
Date: July 27th-July 28th
9. Task: Program with javascript the necessary interactive aspects of the frontend elements that have been created so that the frontend responds accordingly with the backend in giving correct information for application processes to the user.
Completed by: Vi, Atta
Date: July 29th-July 31st
10. Task: Test to ensure that the flow between database and backend is correct.
Completed by: Atta, Abdul
Date: August 1st- August 2nd
11. Task: Frontend and backend is working together as expected, no issues with interactivity or incorrect information.
Completed by: Atta, Vi
Date: August 1st- August 2nd
12. Task: Utilize populated instances already created in previous milestones to ensure query operations are performing correctly.
Completed by: Atta
Date: August 1st- August 2nd
13. Task: Make any final adjustments to the backend, frontend, and database.
Completed by: Everyone.
Date: August 3rd
14. Task: Adjust and add any necessary documentation for easy to read purposes.
Completed by: Everyone.
Date: August 3rd
15. Task: Commit the final project application to the group repository.
Completed by: Everyone.
Date: August 3rd

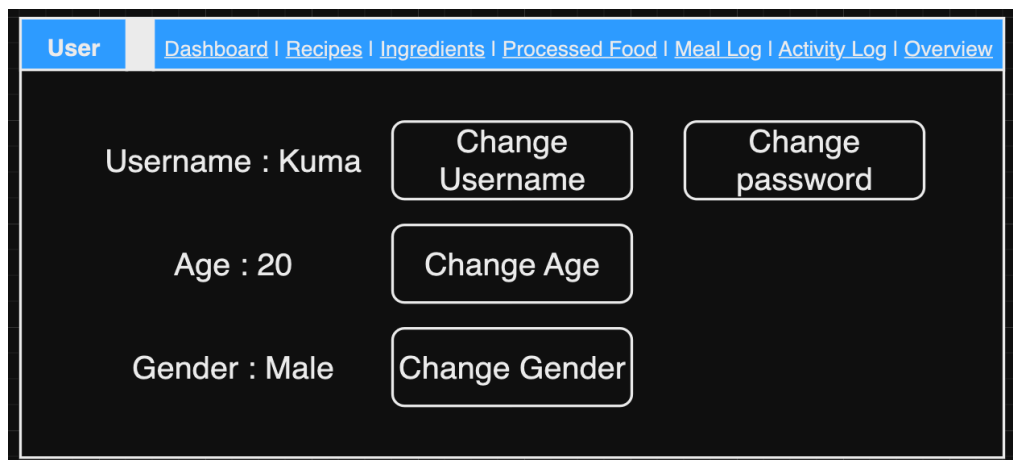
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2. Images that demonstrate what the front end of your project (i.e., what the user will see/interact with) will look like. These images can be hand drawn or created using a drawing application. The images should be saved in a file format that does not require extra software to open (e.g., png, jpg, svg, pdf). Your TA may ask you to explain the design during the meeting.

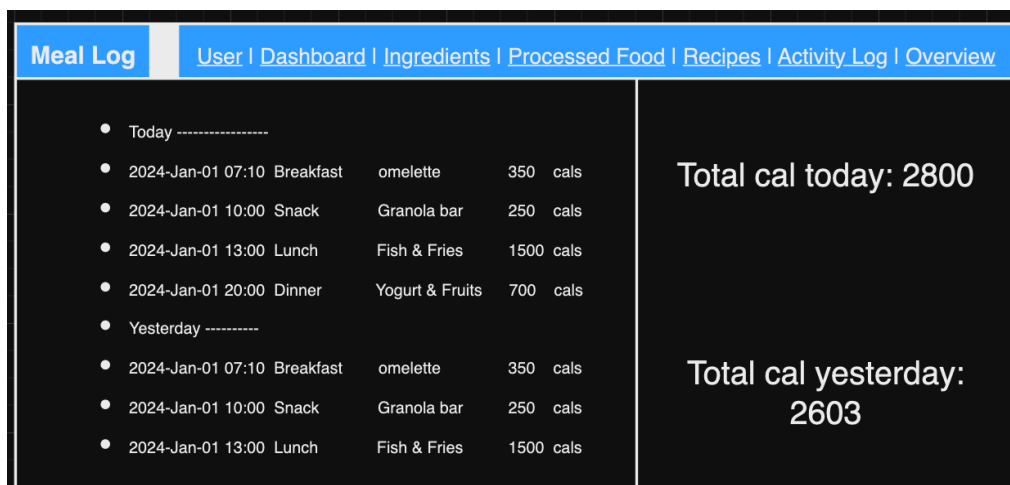
Proposal 1 - Simple HTML Design:



The Dashboard UI features a blue header with the title 'Dashboard' and a navigation bar with links: 'User', 'Recipes', 'Ingredients', 'Processed Food', 'Meal Log', 'Activity Log', and 'Overview'. The main content area has a dark background and displays user information and statistics in white-bordered boxes. A greeting box says 'Hi, Kuma!'. Two boxes show 'Calories Steak : 28 days' and 'Most eaten meal: Fish & Fries'. Two more boxes show 'Current Weight : 121.5 lbs = 55.1 kg' and 'Most eaten processed food : Canned Beans'.



The User profile UI features a blue header with the title 'User' and a navigation bar with links: 'Dashboard', 'Recipes', 'Ingredients', 'Processed Food', 'Meal Log', 'Activity Log', and 'Overview'. The main content area has a dark background and displays user information and edit buttons in white-bordered boxes. It shows 'Username : Kuma' with a 'Change Username' button, 'Age : 20' with a 'Change Age' button, and 'Gender : Male' with a 'Change Gender' button. There is also a 'Change password' button.



The Meal Log UI features a blue header with the title 'Meal Log' and a navigation bar with links: 'User', 'Dashboard', 'Ingredients', 'Processed Food', 'Recipes', 'Activity Log', and 'Overview'. The main content area has a dark background and displays a list of meals in a table format. The table has columns for time, meal name, and calories. The total calories for today and yesterday are displayed on the right side of the table.

Today -----		
2024-Jan-01 07:10 Breakfast	omelette	350 cals
2024-Jan-01 10:00 Snack	Granola bar	250 cals
2024-Jan-01 13:00 Lunch	Fish & Fries	1500 cals
2024-Jan-01 20:00 Dinner	Yogurt & Fruits	700 cals
Yesterday -----		
2024-Jan-01 07:10 Breakfast	omelette	350 cals
2024-Jan-01 10:00 Snack	Granola bar	250 cals
2024-Jan-01 13:00 Lunch	Fish & Fries	1500 cals

Total cal today: 2800

Total cal yesterday: 2603

Proposal 2 - Complex HTML Design:

Thursday, July 25 2024

You have consumed 750/1400 kcal today.

You have burnt 150/300 kcal today.

Search for a recipe...

Log Meal

Reset

Your Activity Log

July 25 2024

- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp

July 24 2024

- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp
- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp
- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp

July 23 2024

- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp
- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp
- 9:02:23 - Logged meal: fish and chips, lasagna, Tim Horton's small ice capp

Choose a date

Discover Our Recipes

Search for a recipe...

John Doe

Recipe Writer

Recipe 1

(Dietary restrictions here...)

Enabled

Enabled

John Doe

Recipe Writer

Welcome back, Alice

Achievement

View report

User

Information

Settings