Group 3: Jahlil, Owens, Trishelle Leal, and Landon Strappazon

Written by Landon Strappazon

Dr. Lamprecht

CMSCI 349 A

23 September 2024

Nutrition and Fitness Tracking

**Project Manager**

Major Deliverables:

**Design & Planning**

* **Who:** Entire Team
* **Due:** Week 2
* **Description:** Finalize the app’s core features (meal logging, tracking progress, analytics) and design the basic layout.

**Use Cases**

* **Who:** Landon (Requirements Analyst)
* **Due:** Week 3
* **Description:** Define key user actions like logging meals, tracking nutrition, and set up diagrams showing how users interact with the app.

**Prototype**

* **Who:** Jahlil (Software Engineer)
* **Due:** Week 4
* **Description:** Build a basic version of the app’s interface, including meal logging and viewing progress.

**Database Setup**

* **Who:** Trishelle (Data Engineer)
* **Due:** Week 6
* **Description:** Set up the app’s database for storing user data like meals, nutritional values, and goals.

**Testing**

* **Who:** Jahlil (Test Engineer)
* **Due:** Week 8
* **Description:** Write and run code tests to make sure key features like logging meals and tracking progress work properly.

**Deployment**

* **Who:** Trishelle (Deployment Engineer)
* **Due:** Week 10
* **Description:** Set up the GitHub repository, manage code merging, and ensure the app is ready for deployment.

Timeline:

**Week 1-2**: Design & Planning

**Week 3**: Use Cases

**Week 4**: Prototype

**Week 5-6**: Database Setup

**Week 7-8**: Testing

**Week 9-10**: Deployment

Tracking and Communication:

**Weekly Check-ins:** We will have weekly team meetings during class time to discuss progress, roadblocks, and upcoming tasks.

**Task Management Tool:** Use of GitHub for code management and storing documents for group access.

**Version Control:** The team will use GitHub for version control and merge requests for collaborative code integration.

Gantt Chart:

A graph with colorful rectangular shapes

Description automatically generated with medium confidence

Testing and Planning: September 23-October 4 (2 Weeks)

Use Cases: October 4-October 11 (1 Week)

Prototype: October 11-October 18 (1 Week)

Database Setup: October 18-November 1 (2 Weeks)

Testing: November 1-November 15 (2 Weeks)

Deployment: November 15-29 (2 Weeks)