Team Number: 015-06

Team Name: Ankardav

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Application Name: Ralphie Bites

Application Idea:
Meal Plan : 1 + 2 + 1 + 1 + 1+ 1
// Calorie Intake & Suggested Food: 2 + 1 + 2 + 2 + 1 + 3
// Apartment App (advanced version of Zillow): 3 + 3 + 3 + 3 + 2 + 4
// Charity (Food Banks): 4 + 4 + 4 + 4 + 4 + 3

Group Links:
https://www.when2meet.com/?17480634-1MJGu
https://www.get.cbord.com/GETServices/services
https://discord.gg/Fqexqhdu
Project Guideline
Github

Application Description:

        Freshmen living on campus have meal plans which reset every week. However, people rarely use all their meals for the week and are, thus, wasted during the weekly reset. Ralphie Bites provides CU students with a way to expend extra meal plans through various methods without wasting their value. There are options to donate extra meals to food insecure students, sell them to students willing to buy meals at a discount, and track meal plan activity to monitor usage. In essence, Ralphie Bites establishes a market for meal plans, connecting students who desire to sell meals with students seeking to buy meals, providing financial incentives on both sides and reducing waste from unused meal swipes.

        With this application, users can save their information within an account and perform transactions through it. Moreover, users can browse through available meal plan offers and *negotiate prices* with other users. The app will allow users to save their IdentiKey and password for quick access along with payment methods for transactions. Additionally, an anonymous list of food insecure students will be provided along with an option for the user to donate to them. All around, Ralphie Bites increases the practicality of meal plans, reducing costs for students and providing an option for food insecure students to receive meals without question.

Vision Statement: To maximize the utility of CU meal plans and reduce costs for all parties involved.

Version Control: [GitHub Repository](#)
- *Team meeting logs* – In the "team_meeting_logs" folder.
- *Milestone submissions* – In the "milestone_submissions" folder.
- *Project code* – In the "project_code" folder.
- *ReadMe.md* – In the root directory of the repository.

Development Methodology: Scrum meetings with a [Kanban board](#)
- Epics
  - Account handling
    - Login page
    - Registration page
    - User database
  - Backend API
    - Login API route
    - Register API route
    - Settings API route
    - Other API routes as needed
  - CBORD API
    - Wrapper for the CBORD API
    - Associated methods with the CBORD API for functionality of transactions

- - - ■ Associated methods with the CBORD API for functionality of account information retrieval
    - ○ More, to be determined

Communication Plan:
We will be using a mixture of collaboration tools, with a private server on discord for general questions, and numbers for more urgent/immediate requests.
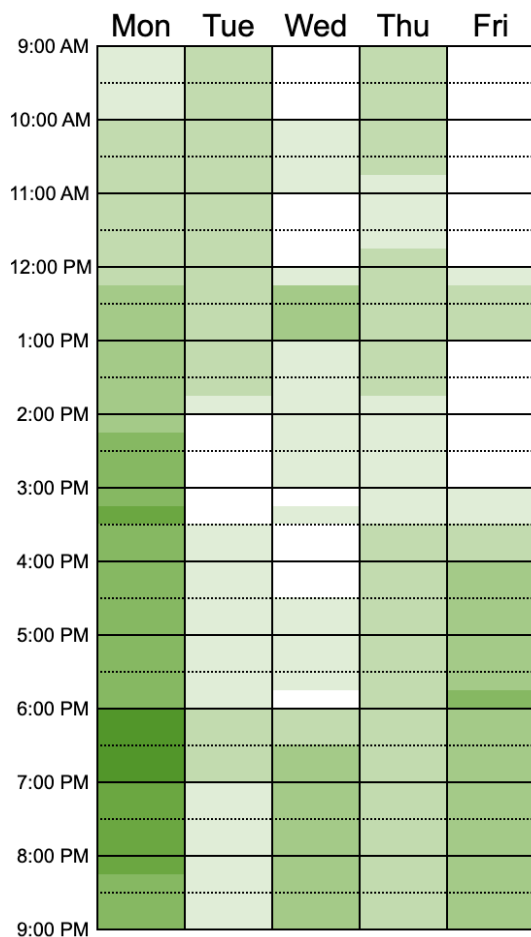
Meeting Plan:
- Group Meetings: https://www.when2meet.com/?17480634-1MJGu
- Weekly Meeting: 6:15 Mondays https://cuboulder.zoom.us/j/6808546254

Group's Availability

0/6 Available ▭▭▭▭▭ 6/6 Available

Mouseover the Calendar to See Who Is Available

	Mon	Tue	Wed	Thu	Fri
9:00 AM					
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					
6:00 PM					
7:00 PM					
8:00 PM					
9:00 PM					

●

Use Case Diagram:

Buff Bites Application

Register

Login

See User's Account

View Meals available for a that week

Purchase meals & sell meals

Final Transaction

Logout
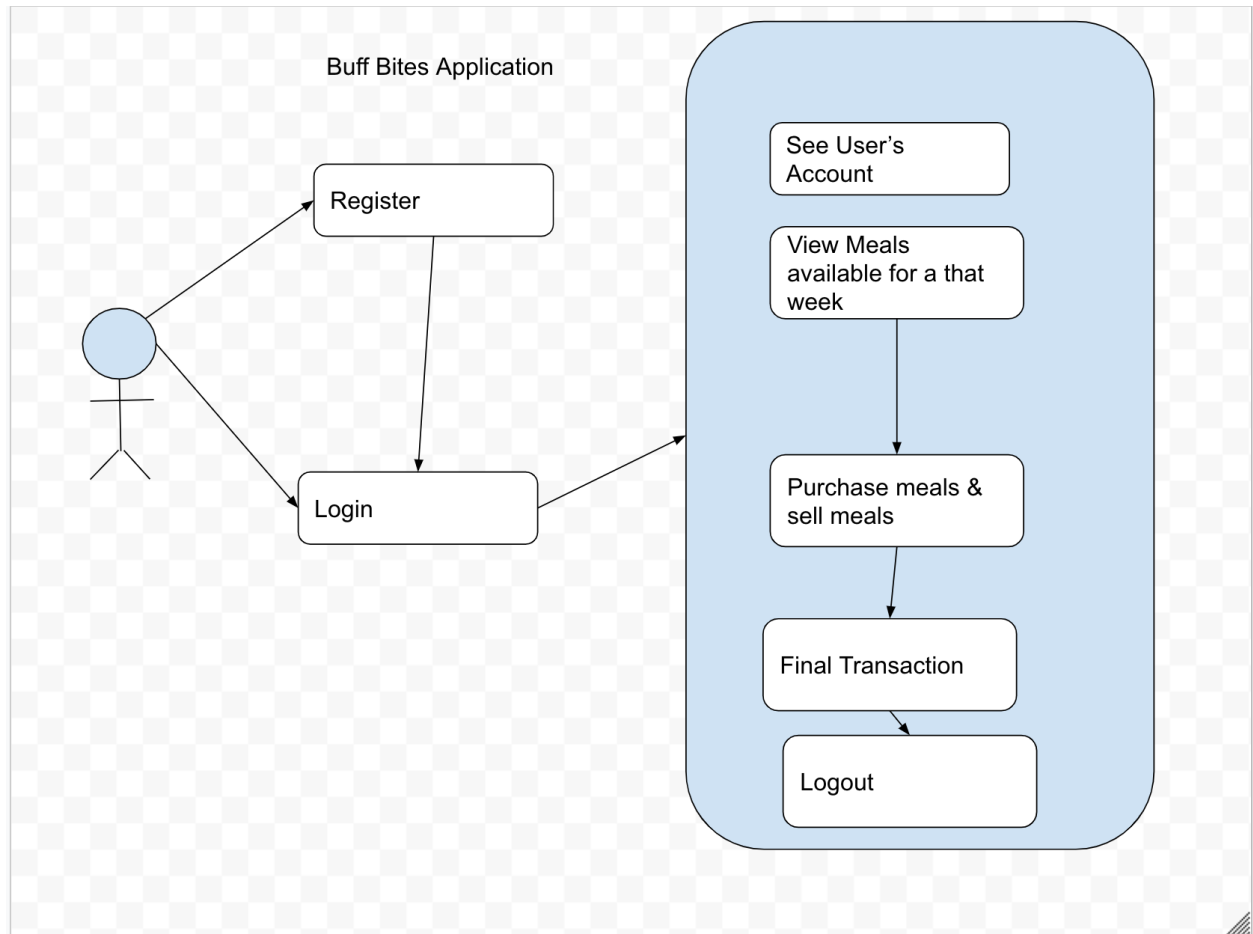
Wireframe: [Wireframe Link With Login & Register Pages](#)