

1. **Title:** Buff Bites
2. **Who:** Alex Fabian, Aditya Gupta, Erin Fels, Kevin Vu, Inas Siddique
3. **Project Description:**

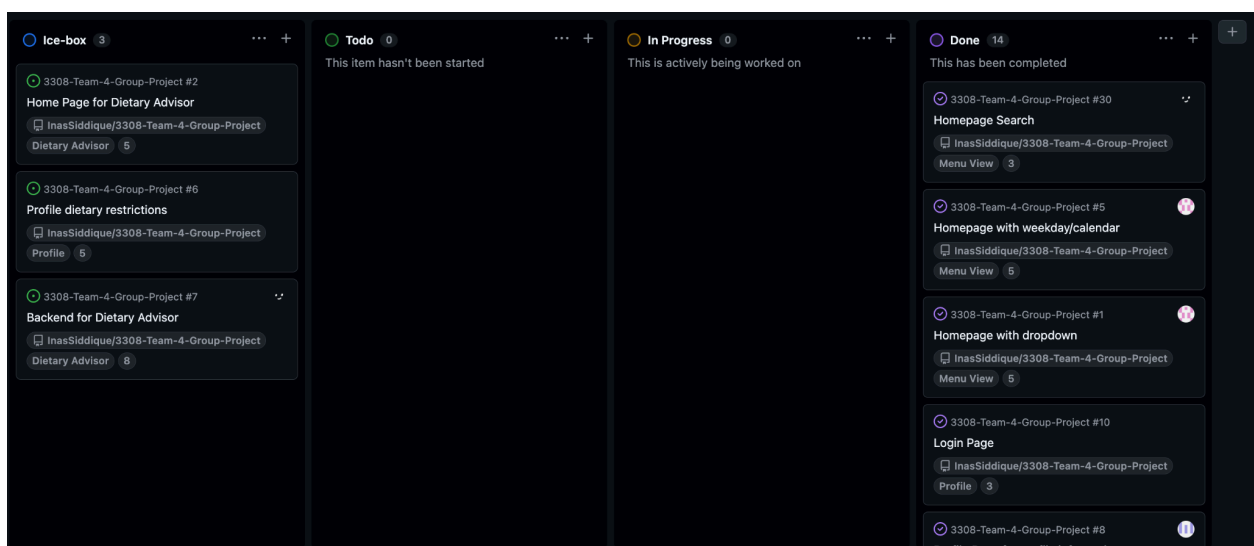
Buff Bites is a web application designed to replace Nutrislice, the dining hall menu system that is currently used by the University of Colorado Boulder. Many students find this website difficult to navigate, slow to use, and lacking some personalization features. Our goal with Buff Bites was to create a clean and user-friendly dining hall app for students living on campus. Buff Bites provides menu access for every dining location on campus, allowing students to quickly view available meals, dining hall hours, and food options in one place. Buff Bites also shows nutritional information about each meal and options for people with dietary restrictions. The app uses a more convenient and organized menu layout that makes it easier to browse meals by location, station, and day of the week. Users can also search for specific food items and apply filters based on dietary needs or allergies. In addition, Buff Bites includes a profile feature where users can save and favorite their preferred meals for quick access in the future. This helps students track food they like, and simplifies repeated dining choices. Since Buff Bites pulls its menu data directly from Nutrislice, it remains a feature-complete replacement while offering a significantly improved user experience.

4. Project Tracker - GitHub project board:

- Link to your Project Tracker (for instructor & TAs)

<https://github.com/users/InasSiddique/projects/3/views/1?filterQuery=>

- Screenshot showing your project in your project tracker



5. **Video:** 5-minute or less video demonstrating your project. Your audience is a potential customer or person interested in using your product.

https://drive.google.com/file/d/1F7_ZFCw3oL4qpdti9WiFgXpbQI_EW4Pe/view?resourcekey

6. **VCS:** Link to your git Repository. Instructor/TAs will check weekly to ensure the following are stored in your VCS repository:

- Source Code
- Test Cases
- Video demo
- README.md in GitHub
- Project documentation
- Project Board

<https://github.com/InasSiddique/3308-Team-4-Group-Project/tree/main>

7. **Contributions:**

- A brief (not more than 100 words) from each team member about their contributions.
 - This should include the technologies worked on
 - Features that have contributed to
- You can also include:
 - A screenshot of the project Board
 - A screenshot of the contributions on GitHub

Alex Fabian:

I worked on the backend for the Nutrislice API to get the live menu data for our app. I also worked on adding functionality to the homepage, including getting data, profile features that allowed users to save favorited items, searching, and filtering. This involved integrating the profile backend created by Aditya. I used Chai/Mocha for testing, Express for the backend endpoints, Nutrislice's own API, and HTML, CSS, and JS for the homepage frontend.

Aditiya Gupta: I worked on the backend of the entire project, focusing on user authentication and profile management. This included building the login, register, and logout endpoints with secure password hashing using bcryptjs, as well as adding password strength validation on registration. I also built the profile page backend where users can update their username, email, and password. I also implemented a favorites

system that notifies users when their favorite items are on the current week's menu. The technologies I used are Express, PostgreSQL, Handlebars, and bcryptjs.

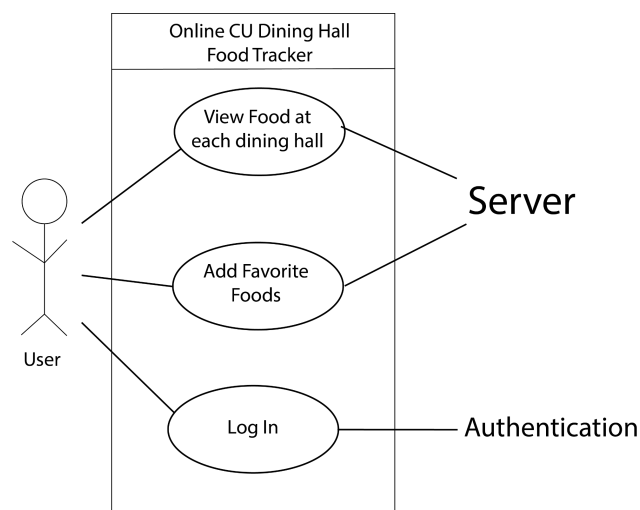
Erin Fels: I worked on the visual design and identity, which means I collected and found fonts, colors and created the Buff Bites logo on Adobe Illustrator. I also contributed by making the frontend and layout of the profile page where users can see all their favorite foods/meals and have the ability to change their password. I also helped create many diagrams and original wireframes using Adobe Illustrator again.

Kevin Vu: I worked on the frontend of Buff Bites by creating the homepage layout and formatting using HTML and CSS, and then provided it to Alex so that he could work on the backend for the homepage to display the menus and menu items.

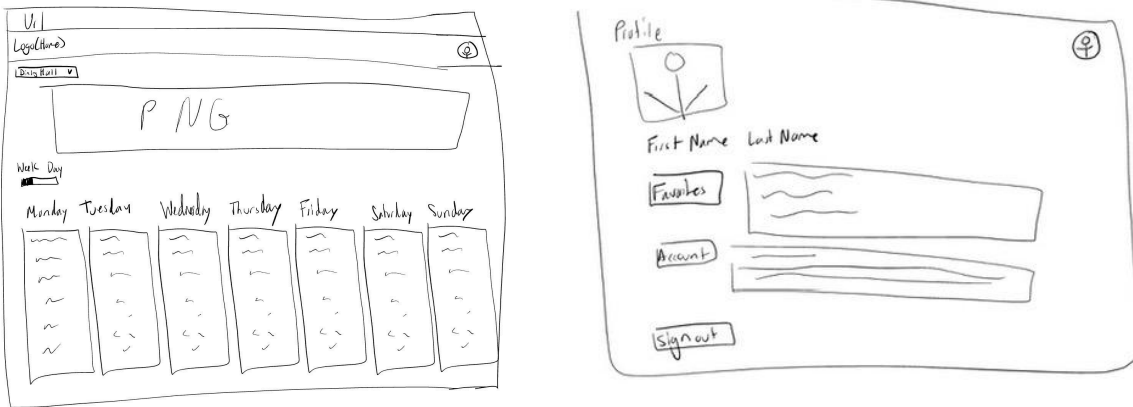
Inas Siddique:

I worked on the frontend of Buff Bites by creating the login and register pages, along with the shared header & footer, using HTML, CSS, Bootstrap, and Handlebars. Although the Dietary Advisory was not added to the final project, I designed and built the frontend for it, which helps users find meals based on diets, allergies, and food preferences.

8. **Use Case Diagram:** You need to include a use case diagram for your project. You can build on the use case diagram you created in the proposal. If you built a complete use case diagram for the proposal, you can include it as is.



9. **Wireframes:** You must include all the wireframes that were created for the project. It is expected that you have at least one for each page. They can be photographs of hand-drawn images.



10. **Test results:** In Lab 10, you created a Test Plan. You need to include the test results and observations in the project report. Refer to [this](#) for more information.
- Testing infrastructure health check
 - User registration (positive and negative cases)
 - We had several friends test the registration process, ss and they were able to register their accounts as long as it meets the requirements for password and username.
 - User login (valid and invalid credentials)
 - After the registration of their accounts, the users were able to log in and view the homepage.
 - Nutrislice API integration (/getLocations and /getWeeklyMenu)
 - When the location drop down is used it returns the correct dining hall location and corresponding food. And when you do click a location, the entire weekly menu shows up.
11. **Deployment:** Link to the deployment environment or a written description of how the app was deployed and how one might access/run the app. The app must be live, working, and accessible to your TA.

<https://three308-team-4-group-project.onrender.com>

Extra Credit:**1. Creativity of the Website from the UI/UX perspective**

Our website uses a consistent CU boulder color theme, fonts, layout, and we created a custom color palette and logo to keep the design clean, professional, and unique across all pages. We also created a clear navigation between login, register, and homepage, making the website easy to use. We used custom CSS and Bootstrap for better styling, along with interactive features like filters, dropdown menus, and dining hall layouts. We also considered accessibility by using strong color contrast.

2. Professional Organization and Documentation of repository

Our repository was kept clean and organized by following the required folder structure. We used a proper .gitignore file to make sure files like node_modules, .env, and other files were not uploaded to GitHub. Weekly team meeting logs were updated after each TA meeting and included decisions made, discussions, and responsibilities. Our README.md was clearly formatted and included the project description, team members, technology stack, setup instructions, how to run the project locally, how to run tests, and the link to the deployed application. This helped keep the project professional and easy to understand.