

<https://cuboulder-csci-3308.herokuapp.com/ProjectMilestones/ProjectMilestone1/index.html#visionSample>

Team Number: 015-05

Team Name: Blowfish

Team Members: Catherine Xiao, Leo Sipowicz, Adam Trunko, Josh Ziebold, Ayden Smith

Application: Feed The Pets

Description:

Basic functionality will allow users to sign into an account and mark that they have fed the pet. Once this is done all users in a group (family or roommates etc.) will be able to log on and see who last fed the pet and at what time. Additional functionality could include setting reminders for appointments or medications. It could also keep a history of medical records. The pet could also have a profile of what kind of pet and other characteristics and there could be an option to send an alert if it goes missing. Another idea would be for the pet's weight and activity to be tracked. There could be an option to connect with other people through the app and they can see everything about your pet and to find someone to help you feed/take care of your pet.

Vision Statement:

For pet owners

Pet owners need this application

Feed The Pets is an application that is designed to allow pet owners to keep track of his or her pet's dietary schedule in an organized, consistent, and efficient manner.

Unlike texting family members when you last fed the pet, our product is more simple and doesn't get lost in other messages or communication.

Version Control:

<https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05>

Development Method: We will use a hybrid agile methodology and keep track assigned tasks and stories via Jira.

Jira Link:

<https://csci-3308-fall21-015-15.atlassian.net/jira/software/projects/Z3X/boards/1>

Communication Plan: Our group hopes to utilize effective communication strategies to ensure successful completion for our application, Feed the Pets. Although various forms of communication could be used, GroupMe has been the most efficient in corresponding with each other. Team members have been able to stay actively participating through consistent communication through the app so far, and thus it will be continued to be used throughout the semester. When a meeting is required for our team to complete an assignment, Zoom has been utilized to effectively meet and work on the task at hand. Team members have been able to discuss availability and coordinate to find a meeting time that works best for everyone. We plan on meeting at least once a week and have done so accordingly, and will communicate throughout the week. So far, we have been able to effectively communicate and meet to ensure successful completion of all assignments and labs that have been assigned, and we will continue to do so through the communication plan that has been laid out.

Meeting Plan:

Day: Monday

Time: 11:30

Mode: Zoom

Meeting with TA: Mondays 11:45 am on Zoom

Proposed Architecture:

Backend: SQL

Frontend: Angular

Use Case Diagram:

- **Actors:**

- **Dad**

- Logs into the app
- Wakes up after his son has left for school and needs to check if the dog was fed before he left so he doesn't double feed.
- Notices the dog is looking large so he weighs him and updates the dog's profile to reflect his weight increase.
- Marks that he fed the dog (he's signed in and its 10PM)
- Logs out of the app.

- **Vet**

- Logs into account and adds themselves to the dogs profile
- Downloads overtime weight data to see if dog is trending up or down on its weight
- Checks feeding data to make sure the dog is being fed regularly
- Updates dogs profile to reflect changes in how much it should be getting fed
- New dog comes in for check in so she selects that dog's profile.

- **Child**

- Logs into app
- Gets notification to be reminded to feed dog while parents are out of town
- Feeds dog and sends notification to parents so they know the dog was fed
- Can't remember if he fed the dog before he left for school so checked the app to see if he did.
- Is away on a trip, sees that dad forgot to feed the dog so he sends a text to remind him.