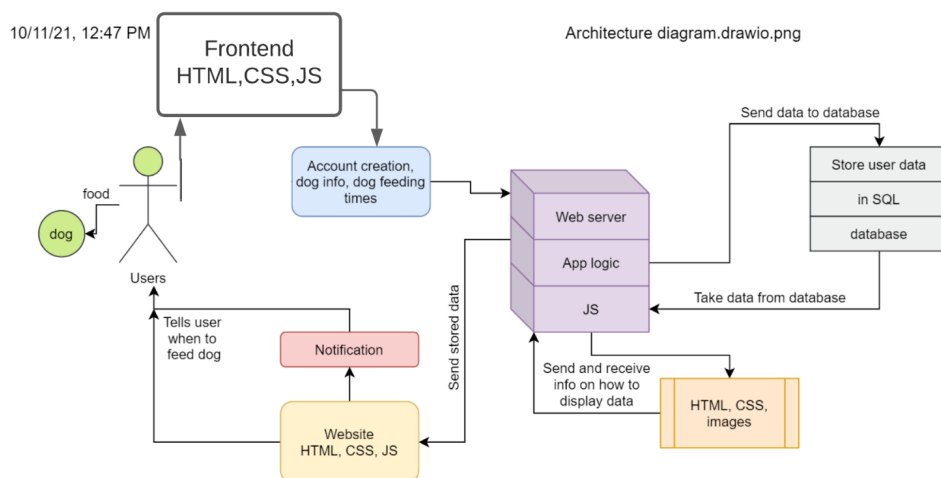


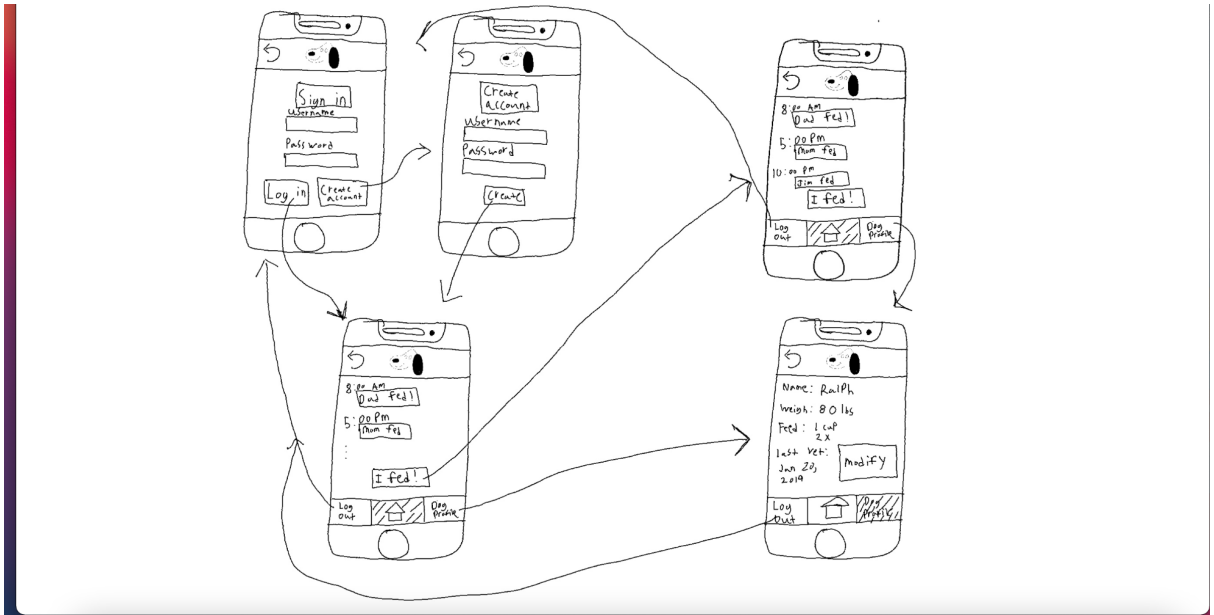
Revised list of features:

- This is an updated list of your FEATURES inventory (from Milestone 2).
- It is normal for feature lists to change during the course of a project.
- Some features may have been dropped. Some features may have been added.
- This revised features list should reflect these changes.
- This revised features list should identify the PRIORITY order of how the features will be developed.
- Schedule/calendar view: Keep track of current status (who fed which pet and what time) and basically keep a history of feeding times to display to the user *priority
 - Need to figure out how track current time as well
- Login and Registration Page: User will create an account so their info can be tracked and if they fed the pet can be tracked *priority
- Update info: this feature will allow user to update what time pet needs to be feed and other relevant information such as who already fed and at what time *priority
- User Profiles: Show who fed the pets using user created profiles and what pet they are in charge of feeding *priority
- Pet Profiles: Pet profiles that show information about pet height, weight, breed etc. *priority
- Pet reminder capability: Reminds users to feed their pet with an alarm or notification reminder. (can also keep track of appointments)
- My Fitness Pet Pal: Keeps track of how much pets weight and how many calories your pet must eat and how much they must exercise

Architecture diagram:



Front end design wireframe:

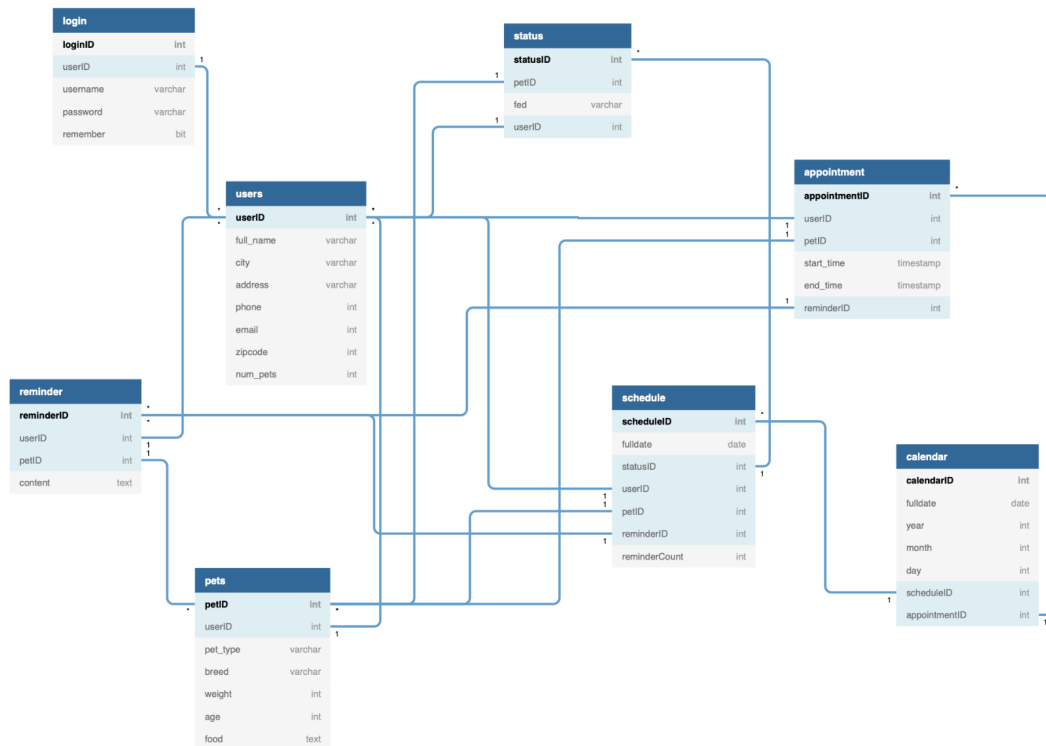


Web service design:

We will need to track the pets feeding and show it to the user in a calendar or schedule sort of format.

- Google Calendar API:
 - Data passed: time to feed pet, notification time
 - Data received: reminders
 - <https://www.nylas.com/blog/integrate-google-calendar-api>
 - <https://developers.google.com/calendar/api>

Database design:



<https://dbdiagram.io/d/6179f29cfa17df5ea6725e3e>

Using postgresQL to store database application data

Challenges:

- 1) We had some trouble integrating the postgresql database with the frontend in previous labs.
 - a) Mitigation plan: Do a crash course on nodeJS and figure out how to use it correctly before trying to implement with our project
- 2) Calendar might be an issue for the database and getting everything to display on it correctly. Not sure how the date and time will be updated.
 - a) Mitigation plan: we will implement a simple schedule and reminder system for feeding times first so that the user can see feeding times and then see if calendar will display it correctly
- 3) Making sure login and user info is secure/web security threats
 - a) Create more complex password requirements and implement other security measures, we will probably not ask for any important personal info besides name

Individual contributions:

Catherine:

- Create entity relationship diagram and database.sql page for the database design then pushed to git
- Identified some challenges and mitigation plan for each one

- Looked up API documentation and included resources to work on the app's calendar
- Revised the list of features and prioritized each according to progress we have made so far and clarified what our app needs to have by the deadline
- Filled out milestone 4 pdf
- Created petRegistration.html, userProfiles.html, updateInfo.html so that pet info can be entered and users will be shown
- Added registration page to the navbar so user can access it without clicking login
- JIRA and added weekly logs for past few meetings in git repo
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/1d4dde9f4bddc08a5c7722f5814287be4e272a91>

JIRA board:

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

The screenshot displays the Jira Backlog for the project 'Blowfish-015-15'. The interface includes a sidebar with navigation options like Roadmap, Backlog, Board, Reports, Issues, Code, Project pages, Add shortcut, and Project settings. The main area shows a list of issues with their titles, categories, and assigned team members. The issues are: Z3X-43 Add notification system (NOTIFICATION SYSTEM, FRONT END DEV, JZ), Z3X-41 Create server js file (JAVASCRIPT ELEMENTS, BACK END DEV, AS), Z3X-54 Add dog stats page (HTML PAGES, FRONT END DEV, AS), Z3X-55 Database design (SQL DATABASE, BACK END DEV, CX), Z3X-57 pet registration page (HTML PAGES, FRONT END DEV, CX), Z3X-38 Create SQL database (SQL DATABASE, BACK END DEV, LS), Z3X-20 Add account system (log in / sign up pages) (HTML PAGES, FRONT END DEV, AT), and Z3X-44 Add dog feed status page (HTML PAGES, FRONT END DEV, AS). Below the backlog, there is a section for 'Feed The Pets-Third Sprint' (2 Nov - 9 Nov, 4 issues) with issues: Z3X-42 Link user info to database (JAVASCRIPT ELEMENTS, BACK END DEV, CX), Z3X-58 Link calendar to database (BACK END DEV, AS), Z3X-59 Link pet info from registration to database (BACK END DEV, AS), and Z3X-60 Link notification system to database (BACK END DEV, AS).

Josh:

- Edited Architecture Diagram to make it more accurate and less confusing
- Moved around some dates to remove overlap in JIRA
- Created notifications.js, service.js(unfinished)
- Implemented some test notifications into home.html

- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/d4ecf8f30d1bc02aed271667a2fdf3f570e483b3>

Ayden:

- Helped organize the JIRA board and create new stories we needed to accomplish in this sprint
- Created the pet stats page in Html with multi-pet capabilities
- Working on implementing back end database into the UI of the login and pet stats page
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/064e0a3684905bf9a7ad526342480b4fe64b2766>
-

<https://cuboulder-csci-3308.herokuapp.com/ProjectMilestones/ProjectMilestone4/index.html>

Adam:

- Helped organize the Jira board
- Added stories that needed to be completed
- Created the sign up / login page with the corresponding field requirements
- Created meeting notes document and helped log what we need to do
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/5c7e03b7c132c21416ee209ad1b4dd5d2bee081c>

Leo:

- Remade the Jira with realistic goals and roadmap, updated our roadmap with useful categories that are structured in order of what needs to be completed first.
- Made the SQL database in heroku structured the same as our SQL diagram.
- Fixed an error with the navbar where some tabs would disappear and current tab was not highlighted.
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/b85d30f87f7a1fe0a2a1d5571d196ff2c072cfb>
- <https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-05/commit/3f37fff326590df379fbe10e120ad0c1c8019188>