

Final Report

PawPlan: A task assistant for animal shelters

CS 04400 (Section 2), Spring 2024

Project GitHub Link: <https://github.com/Stevenb235/SeniorProject-Group>

Slack Workspace Link: <https://senior-project-2024.slack.com>

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Other Members: Derek Pruestel, Stephen Piccolo, Connor Handley, Christos Jovanovic, Steven Beltran

Known Bugs/Issues

1. When posting a comment to a task or animal, the task/animal detail modal disappears automatically. This means that the user must find the task or animal all over again to actually see their comment has been posted. It would be nicer if the user immediately saw their posted comment from within the modal, but we have not found a way to update the modal itself.
2. The navigation bar is very mobile-friendly, but the rest of the website is not quite as responsive. The bootstrap components do a good job of scaling and rearranging themselves when the screen size is smaller, but the site definitely looks better on a desktop browser.
3. New shelters must be added from the admin panel and there is no way to do this as a regular user. If this was a real production web application, new shelters would be created when a user creates a new shelter in the system.
4. When adding a new employee, it is not possible to define a new address to be entered into the database. Currently, the input for a new employee's address is a dropdown box of the addresses already in the database.

Incomplete Project Goals

1. Automatically Recurring Tasks - In the current version of the project, recurring tasks were not implemented. The concept for these was that of a task that would automatically be created and join the task list periodically. Managers would have been able to define the frequency at which they get created when making a recurring task.
2. Priority List for Tasks - Currently there is no logic to determine which tasks are high-priority, although there are filtering and sorting functions as well as a calendar view for tasks.
3. Pulling Tasks - This feature was repurposed into a task-swapping feature, where employees can leave a task up for someone else to take on. The main issue with pulling tasks as initially described in the project specification lies in the unimplemented task priority system, which would have tied into it.

Stretch Goals

None of the stretch goals listed in the project specification were completed.