

Project Step 16 - Sprint Execution And Review

Caleb Pleasant

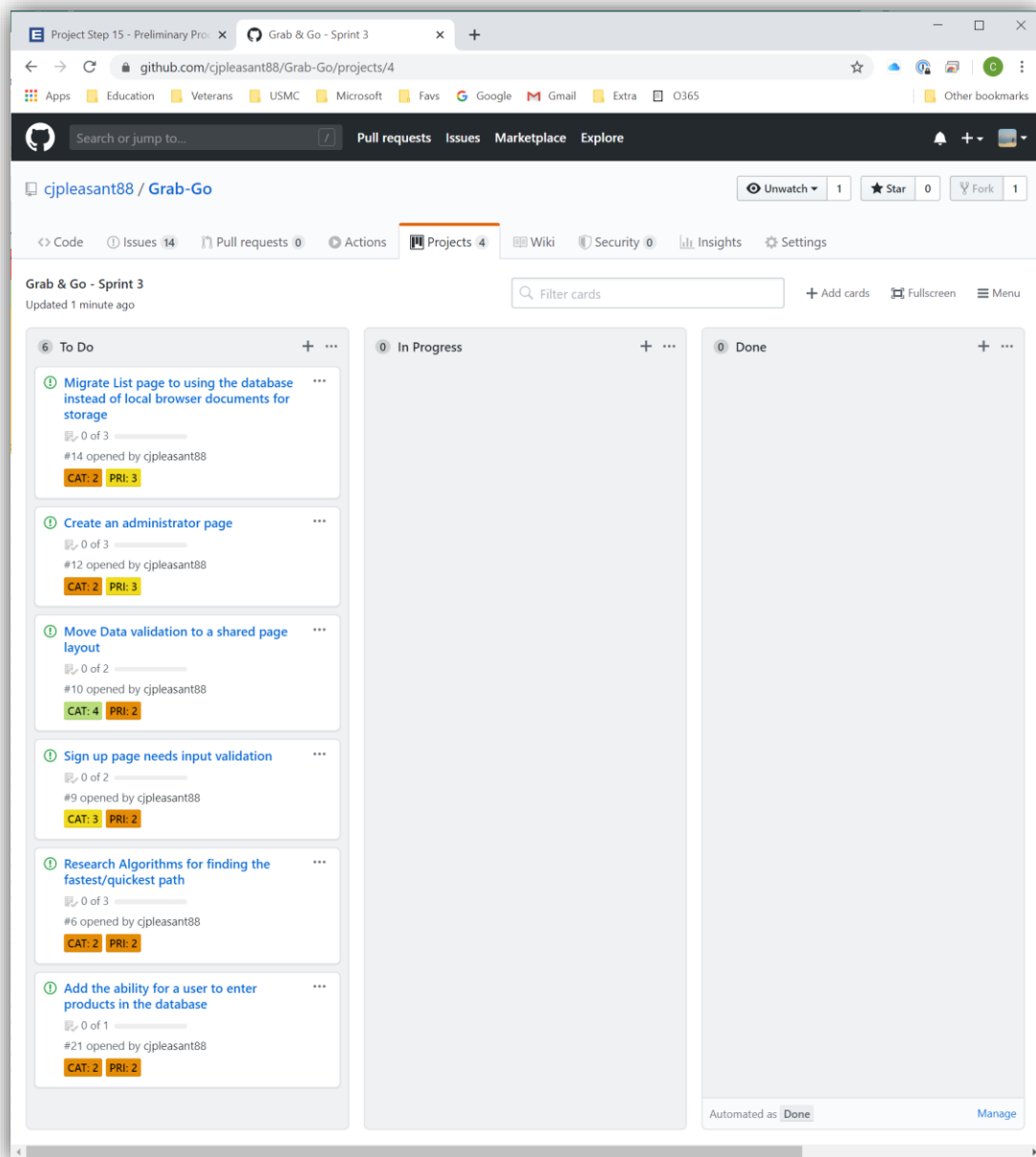
Sprint Execution And Review

Correctly planning and executing to a sprint plan is essential to tracking progress for the agile software development process. Product Backlog Items (PBIs) may be sourced from internal as well as external stakeholders but backlog grooming is the product owner's responsibility. The scrum team commits to how many of the highest priority items that they can accomplish during the sprint and, as a team, completes those items one-by-one. At the end of the sprint, the scrum team presents their results to the stakeholders for feedback, project support, and potential requirements change.

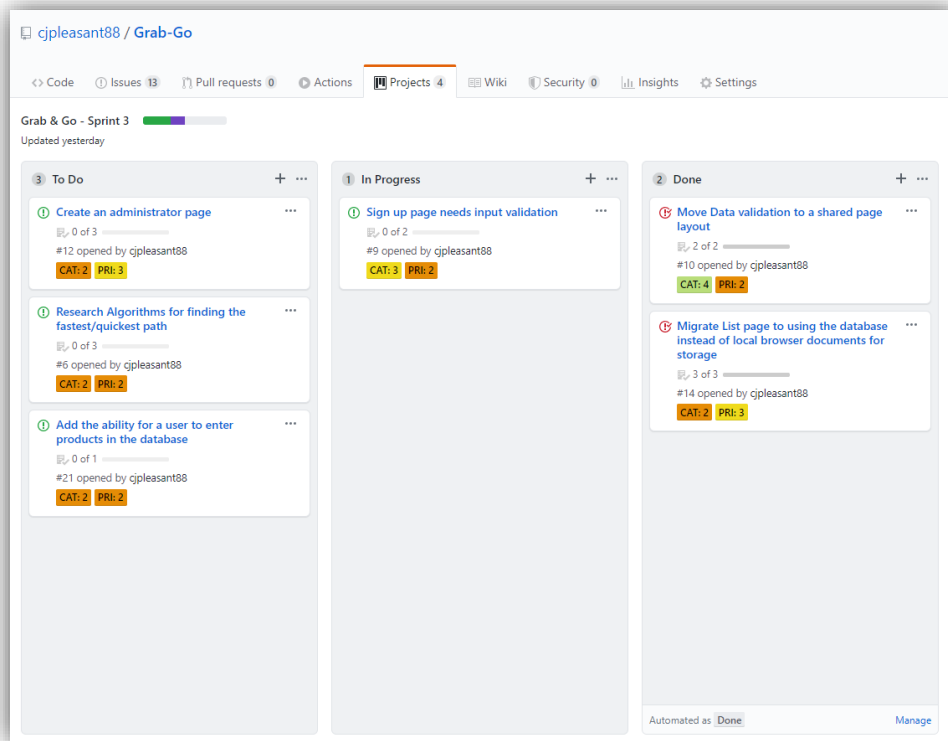
This week, execute to your project list, each day moving items from your todo list, to Work-in-progress (WIP) and finally to 'complete'.

Submit: 1.) Daily screenshots Each day take a screenshot of the Kanban issue board. At the end of the sprint, submit your daily screenshots.

Initial Planned Sprint

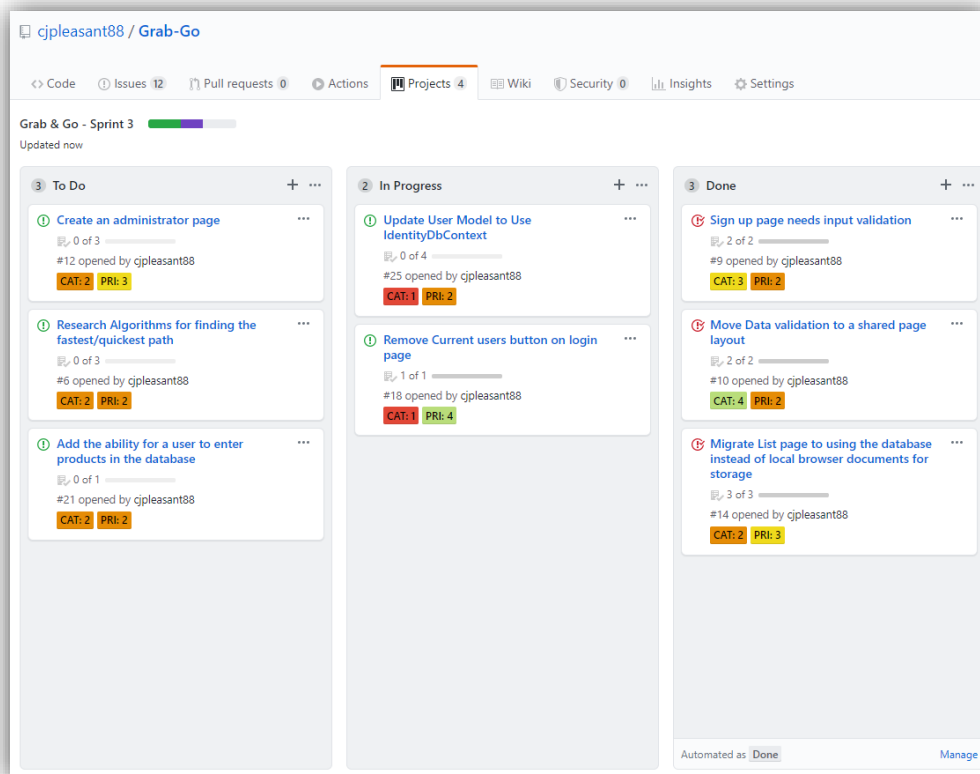


Day 2 of Sprint



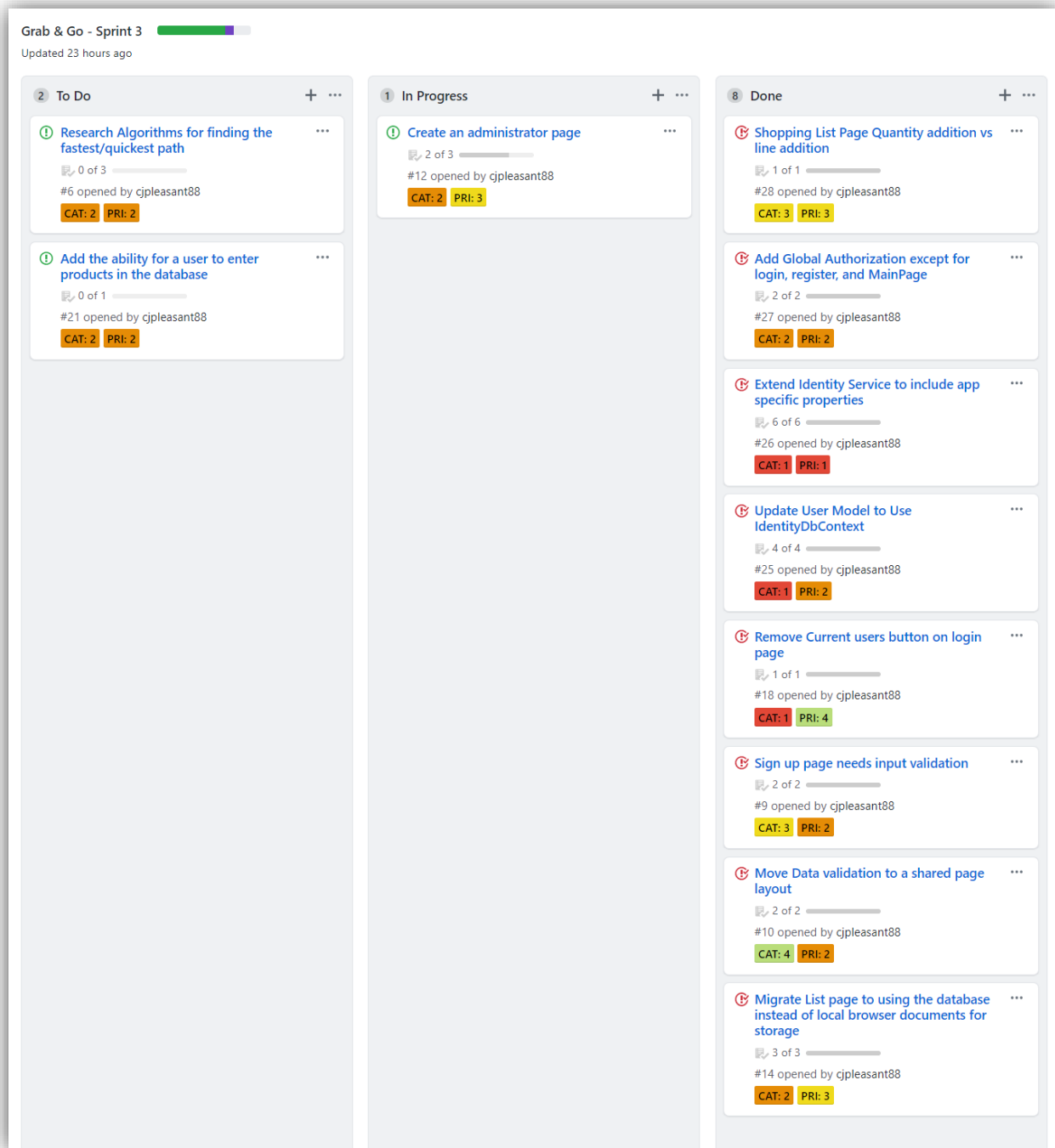
Making good progress this week. Organization and Core Functionality are the focus of this week's Sprint. Getting the Styling and input validations to a shared Layout was accomplished early in the week.

Day 4 of Sprint



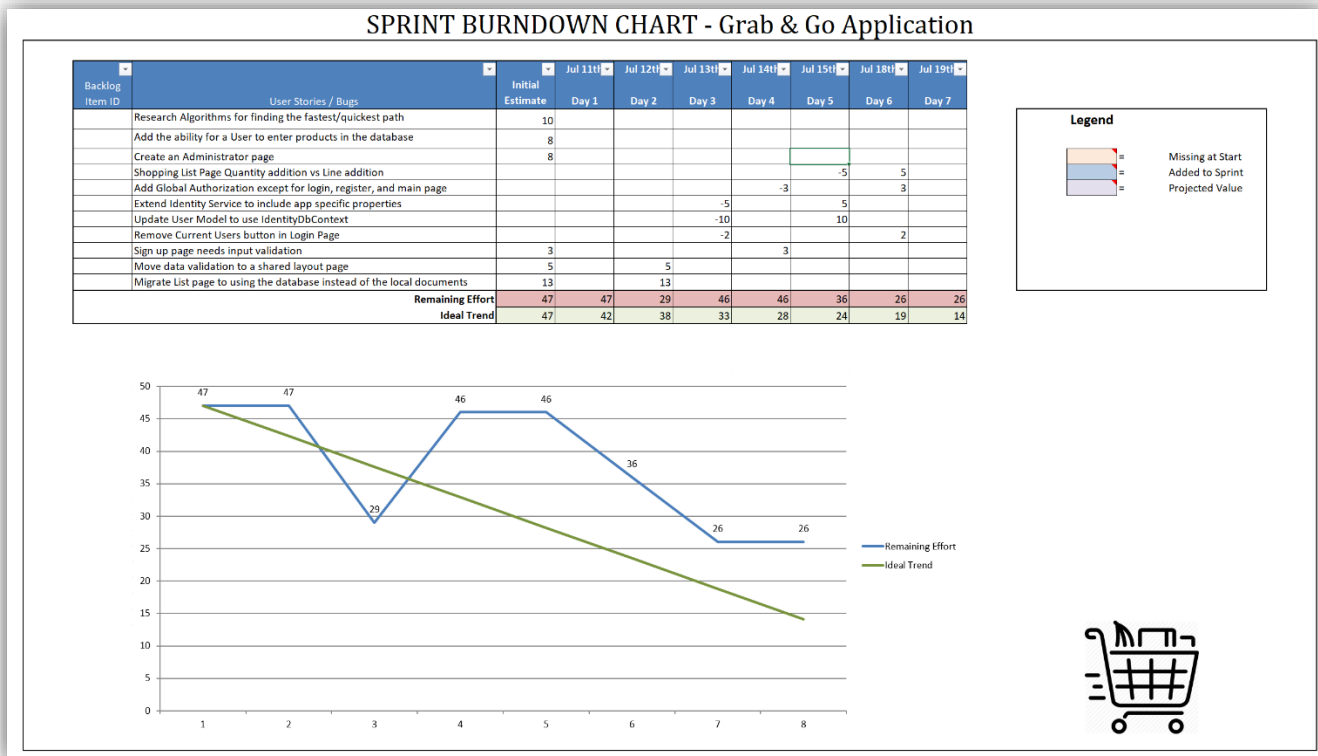
Task Volatility started occurring mid week. As new skills were being taught, Implementing them now was important as the application requires logins and implementing the built in IdentityDbContext was added to this weeks tasks.

Day 6 of 1 week Sprint



A lot of progress was made this week and there is still 1 day left. This report will be updated after the last day has concluded. Task Volatility happened to a higher degree than previous weeks, but it occurred for good reason and allowed for a better more maintainable application going forward. Simplifying the application to sort based on aisles instead of sections within the aisles allowed for easier implementation of goals and an easier learning curve on the developer side. Features will be added as the application becomes more fleshed out and organized.

2.) Burndown chart (what is a burndown chart?) There are many sprint tracking tools available. Github is convenient because you can track all elements of your project together, but it doesn't support burndown charts yet. Use any tool to show what a burndown chart of your sprint might look like.



3.) Sprint Review Answer the following:

- Did you complete all items in your sprint plan?

I did not complete everything I had originally planned for. Priority of tasks changed as well as the addition of new tasks occurred in the middle of the week. More progress was made overall than originally planned, but the task volatility caused 2.3 tasks to be left opened.

- What is your sprint deliverable? (shippable product(s))

Adding to last week's accomplishments, The Application:

- The application now has a more maintainable User Account system
- The application is more secure from anonymous users and incorporates an administration role
- The main sorting function is now working properly and displays a list based on store aisles.
- The backend of the code is more organized allowing for easier managing of the application
- Access denied and Error pages were incorporated in case a user attempts to access an admin page
- Custom Menu button displays only for those in the Administration Role.

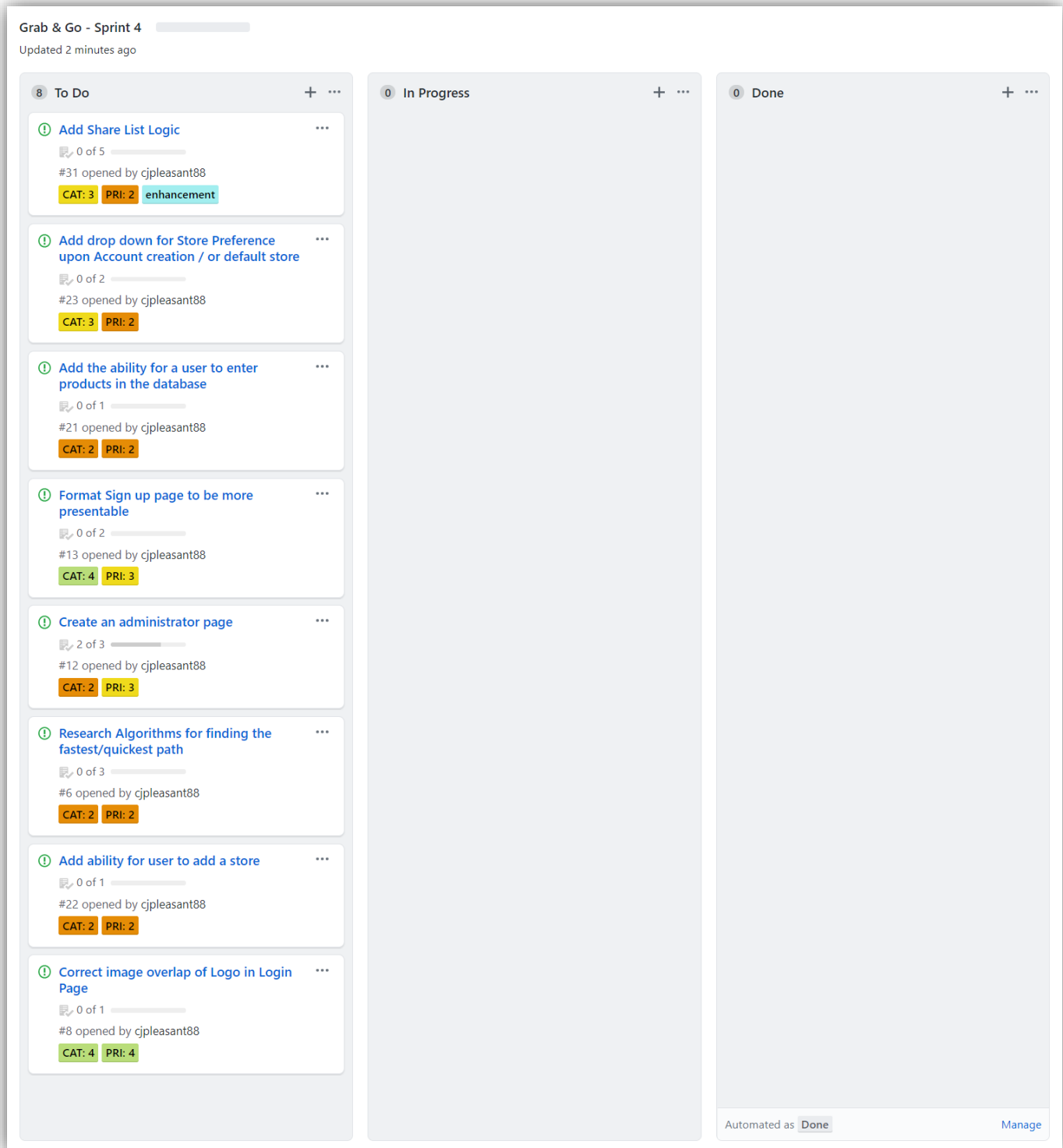
- Did you have any task volatility, and what was the cause?

Yes, additional tasks were added and needed to be adjusted for the new tasks. This occurred and although it allowed additional features to be implemented, it caused originally planned features to not get implemented this week. The overall progress was more than what was intended and allowed for a better, more secure application.

- What would you do differently knowing what you know now?

Last week, a goal was to begin implementing sooner in the week. I succeeded and made more progress than was originally planned. I had to re-write code this week do to finding a better way to implement user/role management. Having researched earlier on would have saved some technical debt this week. I feel very good about this week's status and do not feel as I would have changed anything.

4.) (Next) Sprint Plan Create another 'project' (may be named "sprint 2") and add items from your prioritized backlog issues. Attach a screenshot of the new Kanban board (sprint plan)



Moved the uncompleted items from sprint 3 to this weeks board. The focus of this week will be to Add Sharing a List Logic, Allow for changing of a Store preference, and cosmetic updates. Adding an administrator page to allow for user issues, store updates, and product updates in one place will be useful as well.