Project Step 17 - Sprint Execution And Review
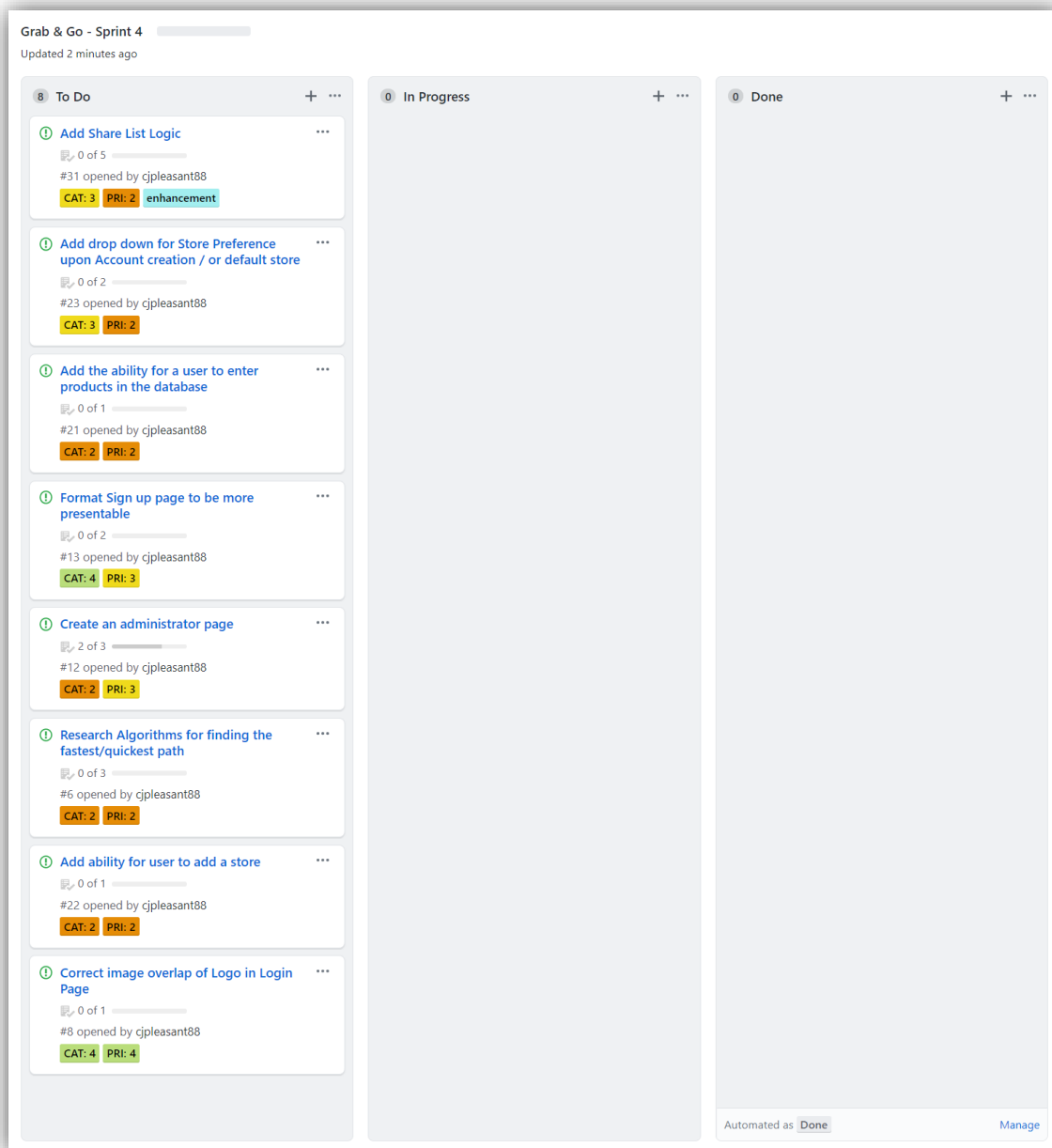## Caleb Pleasant

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 4 of Sprint

Grab & Go - Sprint 4
Updated 19 minutes ago

3 To Do

Add the ability for a user to enter products in the database
0 of 1
#21 opened by cjpleasant88
`CAT: 2` `PRI: 2`

Research Algorithms for finding the fastest/quickest path
0 of 3
#6 opened by cjpleasant88
`CAT: 2` `PRI: 2`

Add ability for user to add a store
0 of 1
#22 opened by cjpleasant88
`CAT: 2` `PRI: 2`

12 In Progress

Change "YourList" Action to take no parameters
0 of 2
#37 opened by cjpleasant88
`CAT: 2` `PRI: 1` `Security`

Move Database to Azure
0 of 1
#29 opened by cjpleasant88
`CAT: 1` `PRI: 4`

Publish Application to Azure
0 of 1
#30 opened by cjpleasant88
`CAT: 1` `PRI: 4`

Not all items in list are showing up in organized list
0 of 2
#33 opened by cjpleasant88
`CAT: 1` `PRI: 1`

Scale up app service to improve application performance
0 of 1
#36 opened by cjpleasant88
`CAT: 3` `PRI: 1` `enhancement`

Alter Change Store Preference Page differently on device rotation
0 of 1
#40 opened by cjpleasant88
`CAT: 3` `PRI: 2` `enhancement`

Add "apple-touch-icon" to the _Layout View
0 of 1
#39 opened by cjpleasant88
`CAT: 4` `PRI: 2` `enhancement`

Add favicon to _Layout page
0 of 1
#38 opened by cjpleasant88
`CAT: 4` `PRI: 4` `enhancement`

Implement Google Maps to show locations of participating stores
0 of 3
#34 opened by cjpleasant88
`CAT: 3` `PRI: 3` `enhancement`

Customize Google maps pins and add links to them
0 of 2
#35 opened by cjpleasant88
`CAT: 4` `PRI: 2` `enhancement`

Migrate List page to using the

6 Done

Create an administrator page
3 of 3
#12 opened by cjpleasant88
`CAT: 2` `PRI: 3`

Add drop down for Store Preference upon Account creation / or default store
2 of 2
#23 opened by cjpleasant88
`CAT: 3` `PRI: 2`

Add Logic to show Items that are not at the current Store
2 of 2
#32 opened by cjpleasant88
`CAT: 3` `PRI: 2`

Add Share List Logic
5 of 5
#31 opened by cjpleasant88
`CAT: 3` `PRI: 2` `enhancement`

Correct image overlap of Logo in Login Page
1 of 1
#8 opened by cjpleasant88
`CAT: 4` `PRI: 4`

Format Sign up page to be more presentable
2 of 2
#13 opened by cjpleasant88
`CAT: 4` `PRI: 3`

Automated as **Done**   Manage

Started this productively and was able to close several issues by implementing the ability to share a list at save it persistently along with changing the store preference of a user. This led to other ideas that could be implemented like google map integration of store locations around you. Many more issues were created and added to this weeks sprint.

Day 6 of Sprint

Grab & Go - Sprint 4
Updated 3 minutes ago

2 To Do

Add the ability for a user to enter products in the database
0 of 1
#21 opened by cjpleasant88
CAT: 2   PRI: 2

Add ability for user to add a store
0 of 1
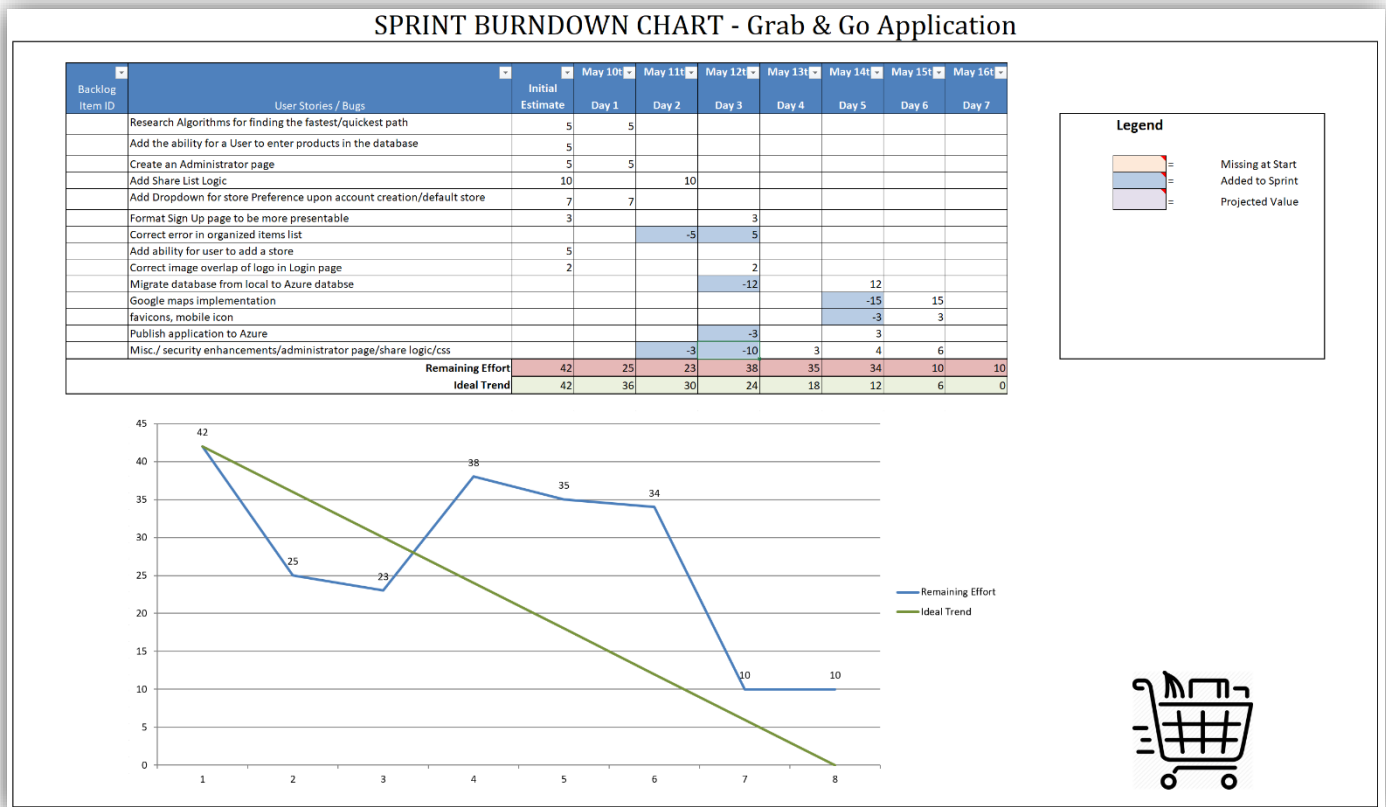#22 opened by cjpleasant88
CAT: 2   PRI: 2

0 In Progress

18 Done

Research Algorithms for finding the fastest/quickest path
3 of 3
#6 opened by cjpleasant88
CAT: 2   PRI: 2

Migrate List page to using the database instead of local browser documents for storage
3 of 3
#14 opened by cjpleasant88
CAT: 2   PRI: 3

Customize Google maps pins and add links to them
2 of 2
#35 opened by cjpleasant88
CAT: 4   PRI: 2   enhancement

Implement Google Maps to show locations of participating stores
3 of 3
#34 opened by cjpleasant88
CAT: 3   PRI: 3   enhancement

Add favicon to _Layout page
1 of 1
#38 opened by cjpleasant88
CAT: 4   PRI: 4   enhancement

Add "apple-touch-icon" to the _Layout View
1 of 1
#39 opened by cjpleasant88
CAT: 4   PRI: 2   enhancement

Alter Change Store Preference Page differently on device rotation
1 of 1
#40 opened by cjpleasant88
CAT: 3   PRI: 2   enhancement

Scale up app service to improve application performance
1 of 1
#36 opened by cjpleasant88
CAT: 3   PRI: 1   enhancement

Not all items in list are showing up in organized list
2 of 2
#33 opened by cjpleasant88
CAT: 1   PRI: 1

Publish Application to Azure
1 of 1
#30 opened by cjpleasant88
CAT: 1   PRI: 4

Move Database to Azure
1 of 1
#29 opened by cjpleasant88
CAT: 1   PRI: 4

Change "YourList" Action to take no parameters
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CAT: 2   PRI: 1   Security

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Add Share List Logic
5 of 5
#31 opened by cjpleasant88
CAT: 3   PRI: 2   enhancement

Correct image overlap of Logo in Login Page
1 of 1
#8 opened by cjpleasant88
CAT: 4   PRI: 4

Format Sign up page to be more presentable

Automated as Done   Manage

The ability for the user to add products and stores to the database will not be implemented this sprint. This will be a future enhancement. The project end date is this next week (contract deadline) and there will not be enough time to do any kind of acceptance testing if additional features are going to be added.

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.

SPRINT BURNDOWN CHART - Grab & Go Application

Backlog Item ID	User Stories / Bugs	Initial Estimate	May 10t Day 1	May 11t Day 2	May 12t Day 3	May 13t Day 4	May 14t Day 5	May 15t Day 6	May 16t Day 7
	Research Algorithms for finding the fastest/quickest path	5	5						
	Add the ability for a User to enter products in the database	5							
	Create an Administrator page	5	5						
	Add Share List Logic	10		10					
	Add Dropdown for store Preference upon account creation/default store	7	7						
	Format Sign Up page to be more presentable	3			3				
	Correct error in organized items list			-5	5				
	Add ability for user to add a store	5							
	Correct image overlap of logo in Login page	2			2				
	Migrate database from local to Azure databse				-12		12		
	Google maps implementation						-15	15	
	favicons, mobile icon						-3	3	
	Publish application to Azure					-3	3		
	Misc./ security enhancements/administrator page/share logic/css				-3	-10	3	4	6
	Remaining Effort	42	25	23	38	35	34	10	10
	Ideal Trend	42	36	30	24	18	12	6	0

Legend

= Missing at Start
= Added to Sprint
= Projected Value

3.) Sprint Review Answer the following:

- **Did you complete all items in your sprint plan?**

This is reminiscent of last sprint, I did not complete everything I had originally planned for. Priority of tasks changed as well as the addition of news tasks occurred in the middle of the week. This was by far the most productive sprint thus far. Many features were added and the overall feel of the application came together. The ability for the User to add additional products/stores to the database was not implemented. This will be a future enhancement.

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

Adding to last week's accomplishments, The Application:
  - The application now include google map integration with custom/linkable Google Markers
  - Security was increased by removing some query parameters from action methods and using the UserManager feature
  - Several Custom images were added to create a better user experience (favicons, mobile homescreen image)
  - The database and Application have been deployed to Azure https://grabandgo.azurewebsites.net
  - The App service was scaled-up to improve performance for presentation and production use
  - You can share your list with created users
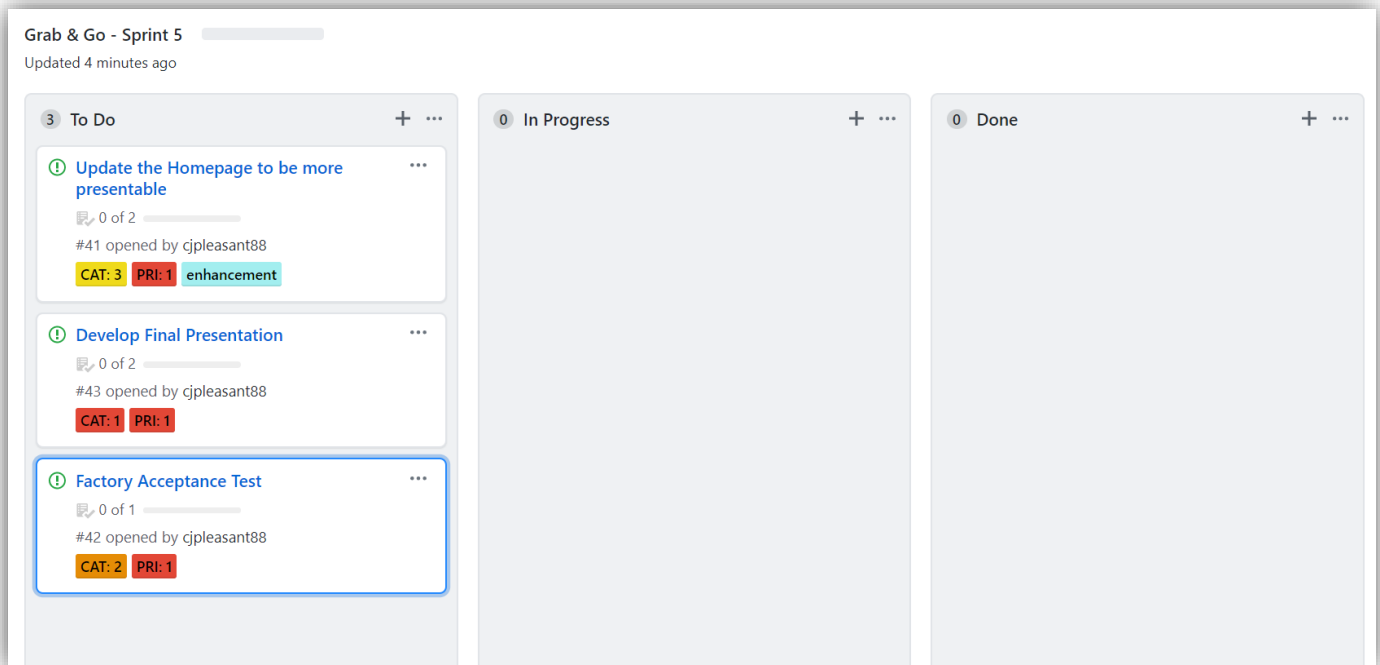 - Several Errors/Bugs were corrected

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

Yes, additional tasks were added in the middle of the week. This occurred and although it allowed additional features to be implemented, it caused originally planned features to not get implemented this week. The task involving the Shelfs was taken off due to requiring more time than is left before the deadline. This will be implemented in future update.

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

This was a very good and productive week. I would have liked to be more organized in my planning. I have been "shooting from the hip" it seems each week and this has caused many tasks to be added in the middle of the spring. This is allowed for a lot of additional functionality and progress in the application but adds a lot of task volatility and may not always work out as it has these past few weeks. Much of the lack of planning has come from lack of knowledge about cloud applications. As I learn more, understand more technologies and how to implement them, my planning ability will improve.

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

This will be the final sprint before the deadline. The goal of this mini-sprint is to do Factory Acceptance Testing and note any final corrections to be made, update the homepage that has placeholder text currently, and develop the presentation for the application.