Sprint #8 Planning

January 31, 2023 - February 13, 2023

CAPACITY

1. Josh: 10 hours
2. Matthew: 12 hours
3. Judy: 12 hours
4. Githel: 12 hours
5. Haley: 10 hours
6. Allison: 10 hours

Total: 66 hours

ASSIGNED WORK

[Work Item] - Granular Task

Team Member	Assigned Work	Hours
Josh	[Logout] Unit Tests	1
Josh	[Updating Profile] Design	6
Josh	[Updating Profile] Implementation	3
Matthew	[Budget Bar] Design Planning	5
Matthew	[BRD] Revisions	1
Matthew	[Budget Bar] Implementation	6
Judy	[Budget Bar] Design Planning	5
Judy	[Budget Bar] Implementation	7
Githel	[Logout] Failure Sequence Diagram	3
Githel	[Updating Profile] Integration Tests	3
Githel	[Updating Profile] Design Planning	6
Haley	[Updating Profile] Unit Tests	3

Haley	[Updating Profile] Design	6
Haley	[Account Deletion] Revise sequence diagram	1
Allison	[Logout] Unit Tests	4
Allison	[Budget Bar] Peer Review	6

TASK BREAKDOWN

Josh

Work Item	Task	Estimation
[Logout] Unit Testing	Unit Testing	1
	Debugging	1
[Updating Profile] Low Level Design - Failure Sequence Diagrams	Review BRD requirements for failure scenarios	1
	Map out lifelines, classes, and input/output	2
	Code MermaidJS Diagram	2
[Updating Profile] Implementation	Client - Account Settings Class	1
	User Manager Class	1
	DAO Class	1
	Total	10

Capacity for the last sprint was overestimated, and as a result, the implementation for Logout was offloaded to Githel/Allison and Unit Testing was rolled over to this current sprint. Initial estimate for Updating Profile was 8 hours, and it is estimated to take 8 hours. Capacity is set at 10 hours, so Logout Unit Tests will be offloaded to Allison if Updating Profile estimation is too low.

Matthew

Work Item	Task	Estimation
[Budget Bar] Design Planning	Research	3
[BRD] Revisions	Research and Review	1
[Budget Bar] Implementation	Frontend	4
	Logic implementation	2
	Debugging	2
Total		12

Budget Bar was estimated at 12 hours and capacity was set at 12 hours. Implementation of this feature will be extended into the next sprint if capacity is too low.

Judy

Work Item	Task	Estimation
[Budget Bar] Design Planning	Research	2
	Success Sequence Diagram	3
	Failure Sequence Diagrams	1
[Budget Bar] Implementation	Client	1
	Business Logic	3
	Data access object	1
	Logging	1
Total		12

Budget Bar was estimated at 12 hours and capacity was set at 12 hours. Implementation of this feature will be extended into the next sprint if capacity is too low.

Githel

Work Item	Task	Estimation

[Logout] Failure Sequence Diagram	Research and apply error cases	1
	Research and apply failure cases	1
	Create activations and user flows in diagram	1
[Updating Profile] Design Planning	Research failure and success cases	2
	Assist POC with Failure/Success Sequence Diagrams	4
[Updating Profile] Integration Tests	Research possible test cases involving database access and feature itself	1
	Implement test function	1
	Debugging	1
Total		12

Logout and Updating Profile was estimated at 3 hours and 9 hours, respectively. If 12 hour capacity is overestimated, Updating Profile Integration Tests will be pushed to the next sprint.

Haley

Work Item	Task	Estimation
[Updating Profile] LLD	- Researching for Updating email & name change	2
	- Updating Email (Success) draft & Updating name (Success & Failure)	2
[Wireframes]	- Login/Logout, Home, Updating public and private info.	2

	Budget Sharing Bar & Bill Info	1
[Updating Profile] Unit Tests	Research possible test cases involving database access and feature itself	1
	Implement test function	1
	Debugging	1
Total		10

Updating profile and Unit tests was estimated at 6 hours and 3 hours respectively. If 10 hour capacity is overestimated then the Unit tests will be pushed to the next sprint.

Allison

Work Item	Task	Estimation
[Logout] Unit Tests	Implementation (testing BRD requirements) - Must be at home page before logging out - Must be redirected to menu page after logging out - Confirmation message must be displayed to the user	4
[Budget Bar] Peer Review	- Review design (sequence diagrams, database configuration, wireframe)	2
	- Write positives, negatives, unmet requirements, recommendations	4
Total		10

Since the estimation for logout unit tests and peer review of the budget bar is exactly the same as capacity, the peer review for budget bar will be pushed to the next sprint if capacity for either

tasks are underestimated. This is because the completion of this task is dependent on Judy's design submission. A later submission would not allow for enough time to finish the peer review before the end of the sprint, so the unit tests for logout will be prioritized.