

Sprint 10 Planning

March 2, 2023 - March 14, 2023

CAPACITY

1. Josh: 20 Hours
2. Matthew: 14 Hours
3. Judy: 16 Hours
4. Githel: 20 Hours
5. Haley: 15 Hours
6. Allison: 18 Hours

Total: 103 Hours

ASSIGNED WORK

[Work Item] - Granular Task

Team Member	Assigned Work	Hours
Josh	[Account Settings] Frontend Implementation	6
Josh	[BRD] Revisions	4
Josh	[User Feedback] Research	4
Josh	[File Upload] Peer Review	2
Matthew	[Bulletin Board] Frontend Implementation	6
Matthew	[Bulletin Board] Testing	6
Judy	[Bulletin Board] Design	10
Judy	[Budget Bar] Implementation	6
Githel	[Customizing Groups] Frontend Implementation	5
Githel	[Chore List] Success & Failure	5

	LLD	
Githel	[Grocery List] Success & Failure LLD	5
Haley	[Chore List] Wireframe Design	1
Haley	[Chore List] Success LLD	3
Haley	[Chore List] Failure LLD	3
Haley	[Grocery List] Wireframe Design	1
Allison	[File Upload] Design	3
Allison	[File Upload] Implementation	12
Allison	[Budget Bar] Testing	3

TASK BREAKDOWN

Josh

Work item	Task	Estimation	Team Confirmation
[Account Settings] Frontend Implementation	API Endpoints	2	AA JL GS HN MC
	Model	2	AA JL GS HN MC
	View	2	AA JL GS HN MC
	Controller	2	AA JL GS HN MC
[BRD] Revisions	Content Improvements - Failure Handling	4	AA JL GS HN MC

[User Feedback] Research	Review BRD Requirements	1	AA JL GS HN MC
	Draft Design Documents	3	AA JL GS HN MC
[File Upload]	Peer Review	2	AA JL GS HN MC
Total		18 Hours	

Decision Piece: [Account Settings] Frontend Implementation and [BRD] Revisions are work items I’ve rolled over from last sprint. This sprint I have no new work items assigned, so I have made the decision to get a head start on design drafts for [User Feedback]. My work estimation for this sprint is 18 hours and my capacity is 20 hours, so I am willing to assist other group members with their work items if needed.

Matthew

Work item	Task	Estimation	Team Confirmation
[Bulletin Board] Frontend Implementation	<ul style="list-style-type: none">- Implement UI components<ul style="list-style-type: none">- File upload- Add/delete sticky notes- Smooth sticky note movability	6	AA JL GS HN JQ
	<ul style="list-style-type: none">- Debugging		
[Bulletin Board] Testing	<ul style="list-style-type: none">- Research and implement test cases	6	AA JL GS HN JQ
Total		12	
Decision Piece: [Bulletin Board] Frontend Implementation was rolled over from the previous sprint. For this sprint I am helping Judy with [Bulletin Board] by implementing the front end component. I have been running into more issues than expected for implementing the frontend thus I’m continuing to work on the feature.			

Judy

Work item	Task	Estimation	Team Confirmation
[Bulletin Board] Design Planning	Research	4	AA JQ HN MC GS JL
	Success Sequence Diagram	4	AA JQ HN MC GS JL
	Failure Sequence Diagrams	2	AA JQ HN MC GS JL
[Budget Bar] Implementation	Client <ul style="list-style-type: none"> - Progress bar - Bill tables - User tabs 	4	AA JQ HN MC GS JL
	Frontend tests <ul style="list-style-type: none"> - Check if entering bill amount > budget is unsuccessful - Test if bill appears and budget bar updates within 3 seconds of when upon addition - Check if error message appears upon failure to load budget bar - Check if error form fails to load Unit tests Integration Tests: <ul style="list-style-type: none"> - Check if database is updated accurately - Check if its updated within 5 seconds 	2	AA JQ HN MC GS JL
Total		16	

Decision Piece: The budget bar frontend design and testing may take longer than the estimated 6 hours allocated to it. If this is the case, I will roll the bulletin board design work to sprint 11 since my capacity is the same as my estimated time.

Githel

Work item	Task	Estimation	Team Confirmation
[Customizing Groups] Frontend Implementation	Implement UI components for Group Settings Page <ul style="list-style-type: none"> - Group Members Tab - Group Settings Tab 	1.5	AA JQ JL HN MC
	Implement form elements for Group Settings Tab's Feature Preferences section <ul style="list-style-type: none"> - Switch component design and functionality 	2	AA JQ JL HN MC
	Implement form elements for Group Member Tab's Invite Roommates section <ul style="list-style-type: none"> - Modal component design and functionality 	3	AA JQ JL HN MC
[Updating Profile] Frontend Implementation	Implement UI components for Profile Settings Page <ul style="list-style-type: none"> - Icon Selection - Form Text Inputs 	3	AA JQ JL HN MC
	Implement web API endpoints in ProfileSettingsController.cs <ul style="list-style-type: none"> - /UpdateName - /UpdateUsername - /UpdatePassword 	3	AA JQ JL HN MC
[Chore List] Success & Failure LLD	Research cases	2	AA JQ JL HN MC

	Create success and failure diagrams	3	AA JQ JL HN MC
[Grocery List] Success & Failure LLD	Research cases	2	AA JQ JL HN MC
	Create success and failure diagrams	3	AA JQ JL HN MC
Total		22.5	
Decision Piece: The frontend implementation for Customizing Groups and Updating Profile may take longer than the estimated 12.5 hours allocated to it. If this is the case, I will roll the work items to sprint 11.			

Haley

Work item	Task	Estimation	Team Confirmation
[Chore List] Wireframe Design	Research into BRD requirements and common patterns	.5	AA JQ JL GS MC
	Create wireframe in Figma	.5	AA JQ JL GS MC
[Chore List] Success & Failure LLD	Research cases	1.5	AA JQ JL GS MC
	Create success and failure diagrams	6	AA JQ JL GS MC
[Grocery List] Success & Failure LLD	Research cases	1.5	AA JQ JL GS MC
	Create success and failure diagrams	6	AA JQ JL GS MC
Total		15	
Decision Piece: This sprint I will be helping out Githel with her feature, however as this is her code review feature, she might want to do most of the designs on her own. If that is the case, I will be free to help out the team wherever is needed.			

Allison

Work item	Task	Estimation	Team Confirmation
[File Upload] Wireframes, database	Design frontend components in Figma <ul style="list-style-type: none">- Buttons, modals, tabs, text input Document necessary tables, column names, and value types for backend implementation	1	JQ JL GS, HN MC
[File Upload] Sequence Diagrams	Create success and failure sequence diagrams for all file management capabilities highlighted in BRD <ul style="list-style-type: none">- Uploading, deleting, viewing, and downloading files	2	JQ JL GS, HN MC
[File Upload] Frontend Implementation	Create view for rendering HTML, file frontend model, and controller for handling axios requests Create methods in view component for handling events Add AWS SDK configuration in Program.cs	6	JQ JL GS, HN MC
[File Upload] Backend Implementation	Create DAO for executing AWS API calls through a client Create backend model for file object Create file management service in backend for making method calls in frontend controller	6	JQ JL GS, HN MC

[File Upload] Integration Tests	Identify test cases <ul style="list-style-type: none"> - Review BRD requirements - Create test project - Write test methods to test backend requests 	1	JQ JL GS HN MC
[File Upload] Unit Tests	Identify test cases <ul style="list-style-type: none"> - Review BRD requirements - Create test project - Write test methods to test input validation 	1	JQ JL GS HN MC
[File Upload] Frontend Tests	Identify test cases <ul style="list-style-type: none"> - Review BRD requirements - Create test project - Write test methods to test frontend components/input validation 	1	JQ JL GS HN MC
[Budget Bar] Integration Tests	Identify test cases <ul style="list-style-type: none"> - Review BRD requirements - Create test project - Write test methods to test backend requests 	1	HN MC JL JQ GS
[Budget Bar] Unit Tests	Identify test cases <ul style="list-style-type: none"> - Review BRD requirements - Create test project - Write test methods to test frontend components/input validation 	2	HN MC JL JQ GS
Total		21	
Decision Piece: Although [Budget Bar] Testing was rolled over from last sprint, [File Upload] Design, Implementation, and Testing are priority for this sprint due to the code reviews on 3/13 and 3/15. Since the total capacity for this sprint is 18 and these tasks are estimated at 21 total hours, Budget Bar testing tasks will be offloaded to Judy.			