

Sprint 12 Planning

April 6, 2023 - April 18, 2023

CAPACITY

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

Total: 109 hours

ASSIGNED WORK

[Work Item] - Granular Task

Team Member	Assigned Work	Hours
Josh	User Feedback [Frontend]	4
Josh	User Feedback [Backend]	5
Josh	User Feedback [Testing]	3
Matthew	[Nudging] Success and Failure LLD's	4
Matthew	[Nudging] Frontend Implementation	2
Matthew	[Nudging] Backend Implementation	8
Matthew	[User Feedback] Peer Review	2
Judy	[Bulletin Board] Design	8
Judy	[Nudging] Peer Review	4
Judy	[Bulletin Board]	4

	Implementation	
Judy	[Bulletin Board] Testing	3
Githel	[Calendar] Design	3
Githel	[Chore List] Implementation	8
Githel	[Calendar] Implementation	8
Haley	[Incomplete Task Summary] Implementation	6
Haley	[Reminders] Success and Failure LLD's	3
Haley	[Reminders] Implementation	6
Haley	[Reminders] Testing	2
Haley	[Calendar] Wireframe	1
Allison	[Circular Progress Bar] Design	3
Allison	[Circular Progress Bar] Implementation	9

TASK BREAKDOWN

Josh

Work item	Task	Estimation	Team Confirmation
User Feedback [Frontend]	API Endpoints	5	AA HN GS MC JL
	Model		
	View		

	Controller		
User Feedback [Backend]	DAO - API Calls	5	AA HN GS MC JL
	Backend Model - Feedback Form Object		
	Service - Handling Feedback Submission		
User Feedback [Testing]	Backend Unit Testing	2	AA HN GS MC JL
	Frontend End-to-End Testing (NightwatchJS)		
Total		12	
Decision Piece: [User Feedback] Implementation has been rolled over from the last sprint, which I expect to have completed halfway into the sprint (4/12). My total capacity for this sprint is estimated at 20 hours, and my total estimation for [User Feedback] implementation is 12 hours, so my remaining capacity of 8 hours will be dedicated towards any backlogged work items, working on the design documentation for next sprint's upcoming features, along with assisting Haley with the implementation for [Reminders].			

Matthew

Work item	Task	Estimation	Team Confirmation
[Nudging] Success and Failure LLD's	<ul style="list-style-type: none"> - Research BRD requirements for design - Create success and failure LLDs - Apply LLDs feedback from peer review 	4	JL GS JQ AA HN
[Nudging] Frontend Implementation	<ul style="list-style-type: none"> - Implement UI components - Research and implement test cases 	2	JL GS JQ AA HN
[Nudging] Backend Implementation	<ul style="list-style-type: none"> - Backend MVC implementation - Research and implement test cases 	8	JL GS JQ AA HN
[User Feedback] Peer Review	<ul style="list-style-type: none"> - Research BRD requirements and review documents 	2	JL GS JQ AA HN

Total	16
Decision Piece: My total capacity of 20 hours will be mainly used up for [Nudging] design and implementation. This will be the focus of this sprint for the upcoming code review. The estimation for [Nudging] will be 18 and the rest of the time will be used for Josh's peer review.	

Judy

Work item	Task	Estimation	Team Confirmation
[Bulletin Board] Design Planning	Research	1	HN JQ GS AA MC
	Success Sequence Diagram	3	HN JQ GS AA MC
	Failure Sequence Diagrams	3	HN JQ GS AA MC
[Bulletin Board] Implementation	API Implementation	1	HN JQ GS AA MC
	Backend Implementation	3	HN JQ GS AA MC
[Bulletin Board] Testing	Backend Tests - Unit - Integration	1	HN JQ GS AA MC
	Frontend Tests	2	HN JQ GS AA MC
[Nudging] Peer Review	Evaluate design	1	HN JQ GS AA MC
	Record design recommendations	2	HN JQ GS AA MC
	Record testing recommendations	1	HN JQ GS AA MC
Total		12	
Decision Piece: The estimated times to complete all work items exceed my capacity. If I am not able to finish these items, I will pass it onto Matthew.			

Githel

Work item	Task	Estimation	Team
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			Confirmation
[Calendar] Design	Research and apply BRD requirements	1	AA HN JQ JL MC
	Create rough draft of LLDs	1	AA HN JQ JL MC
	Finalize and apply feedback to LLDs	1	AA HN JQ JL MC
[Chore List] Implementation	Write frontend ReactJS components	3	AA HN JQ JL MC
	Write frontend Web API classes	1	AA HN JQ JL MC
	Write backend ChoreManager microservice	2	AA HN JQ JL MC
	Write backend ChoresDAO class	2	AA HN JQ JL MC
[Calendar] Implementation	Write frontend ReactJS components	3	AA HN JQ JL MC
	Write frontend Web API classes	1	AA HN JQ JL MC
	Write backend ChoreManager microservice	2	AA HN JQ JL MC
	Write backend ChoresDAO class	2	AA HN JQ JL MC
Total		19	
Decision Piece: [Chore List] Implementation may take longer than the estimated 8 hours, therefore I will receive help for [Calendar] Implementation by Allison.			

Haley

Work item	Task	Estimation	Team Confirmation
[Incomplete Task Summary] Implementation	Client	2	AA JQ JL GS MC
	Business Logic	4	AA JQ JL GS MC

	Data Access Object	2	AA JQ JL GS MC
[Reminders] Success and Failure LLD's	Research and apply BRD requirements	1	AA JQ JL GS MC
	Create rough draft of LLD	1	AA JQ JL GS MC
	Finalize and apply feedback to LLD	1	AA JQ JL GS MC
[Reminders] Implementation	Client	2	AA JQ JL GS MC
	Business Logic	4	AA JQ JL GS MC
	Data Access Object	2	AA JQ JL GS MC
[Reminders] Testing	Research possible test cases involving database access and feature itself	1	AA JQ JL GS MC
	Research possible test cases involving database access and feature itself	1	AA JQ JL GS MC
[Calendar] Wireframe	Create wireframes on Figma	1	AA JQ JL GS MC
Total		20	
Decision Piece: Estimation is 2 hours above capacity. However since Josh has an extra 8 hours to allocate, [Reminders] testing will be offloaded to him, and Josh will be able to assist in my other tasks this sprint. Incomplete task summary implementation is also rolled over from the last sprint and will be completed this sprint as the reminders and incomplete task summary will use similar code components.			

Allison

Work item	Task	Estimation	Team Confirmation
[Circular Progress Bar]	Design frontend components	2	HN JQ JL GS

Wireframes, data access layer	in Figma - Buttons, modals, tabs, text input Document necessary tables, column names, and value types needed for backend implementation		MC
[Circular Progress Bar] Sequence diagrams	Create success and failure sequence diagrams for all capabilities highlighted in BRD	3	HN JQ JL GS MC
[Circular Progress Bar] Frontend Implementation	Create view for rendering HTML and controller for handling axios requests Create methods in view component for handling events	2	HN JQ JL GS MC
[Circular Progress Bar] Backend Implementation	Create DAO for querying data from MariaDB (Chores table) Create round tracking bar service in backend for making method calls in frontend controller	6	HN JQ JL GS MC
Total		13	
Decision Piece: Since Matthew is doing Nudging for a code review this sprint, he offloaded [Circular Progress Bar] to me, which was rolled over from last sprint. Estimation for the design and implementation of this feature is 14, which is less than my capacity for this sprint (17). The remaining 2 hours will be used to help other team members complete their implementations, specifically [Calendar].			