

Sprint 11 Planning

March 16, 2023 - March 24, 2023

CAPACITY

1. Josh: 12 Hours
2. Matthew: 10 Hours
3. Judy: 12 Hours
4. Githel: 12 Hours
5. Haley: 10 Hours
6. Allison: 11 Hours

Total: 67 hours

ASSIGNED WORK

[Work Item] - Granular Task

Team Member	Assigned Work	Hours
Josh	[User Feedback] Design	2
Josh	[User Feedback] Frontend Implementation	5
Josh	[User Feedback] Testing	3
Matthew	[Bulletin Board] Testing	6
Matthew	[Nudging] Research	4
Matthew	[Nudging] LLDs	1
Judy	[Bulletin Board] Design	10
Judy	[Budget Bar] e2e tests	2
Githel	[Customizing Groups] Icon Customization Implementation	6
Githel	[Customizing Groups] Invite Roommate Creation View	2

Haley	[Incomplete Task Summary] Success and Failure LLD	3
Haley	[Incomplete Task Summary] Implementation	6
Allison	[File Upload] Implement Professor feedback from Code Review	3
Allison	[User Feedback] Backend Implementation	3

TASK BREAKDOWN

Josh

Work item	Task	Estimation	Team Confirmation
[User Feedback] Design	Frontend Wireframes	2	AA HN JL GS
	Create success and failure sequence diagrams for all user feedback requirements highlighted in BRD <ul style="list-style-type: none"> - Form, input validation, logging feedback submission - Sending feedback to WeCasa email 		AA HN JL GS
[User Feedback] Frontend Implementation	API Endpoints	5.5	AA HN JL GS
	Model		
	View		

	Controller		
[User Feedback] Testing	Backend Unit Testing	2.5	AA HN JL GS
	Frontend End-to-End Testing (NightwatchJS)		
Total		10	
Decision Piece: Lower capacity estimation set to 12 hours to account for midterms. Task breakdown estimations total to 10 hours, so remaining capacity will be used to either help others with their assigned work items or to complete any backlogged tasks.			

Matthew

Work item	Task	Estimation	Team Confirmation
[Bulletin Board] Testing	- Frontend unit testing	3	HN JL GS
[Nudging] Research	- Research BRD requirements and review code functionality	4	HN JL GS
[Nudging] LLDs	- Implement BRD requirements into LLDs	1	HN JL GS
Total		8	
Decision Piece: Due to midterms, my total capacity and work items are less than usual. Finishing up the testing for [Bulletin Board] which was rolled over from last sprint and getting a head start on [Nudging] with research will be the primary work items. If I am able to get everything done I will get another head start on [Nudging] LLDs.			

Judy

Work item	Task	Estimation	Team Confirmation
[Bulletin Board] Design Planning	Research	4	AA JQ HN JL GS
	Success Sequence Diagram	4	AA JQ HN JL

			GS
	Failure Sequence Diagrams	2	AA JQ HN JL GS
[Budget Bar] Implementation	E2e tests flows: <ul style="list-style-type: none"> - Add bill - Edit budget - Edit bill - Delete bill - Restore bill 	2	AA JQ HN JL GS
Total		12	
Decision Piece: The estimated time to create e2e tests may be lower than the real time because of the unknowns of setting up nightwatch and implementing these tests. If this is the case, some of the bulletin board design work will be rolled over to sprint 12.			

Githel

Work item	Task	Estimation	Team Confirmation
[Customizing Groups] Icon Customization Implementation	Write ReactJS IconSelectorModal	2	AA JQ HN JL
	Update ReactJS CreateGroupModal with IconSelectorModal configurations	2	AA JQ HN JL
	Write backend GroupManager UpdateGroupIcon service	2	AA JQ HN JL
[Customizing Groups] Invite Roommate Creation View	Update CreateGroupModal with InvitedRoommateList component	1	AA JQ HN JL
	Write API endpoint for inviting a list of roommates	1	AA JQ HN JL
Total		8	

Decision Piece: [Customizing Groups] Invite Roommate Creation View was rolled over from previous sprints. The only new work item for this sprint is [Customizing Groups] Icon Customization Implementation. My main priority is to complete the rolled over work item.

Haley

Work item	Task	Estimation	Team Confirmation
[Incomplete Task Summary] Success and Failure LLD	Research Sendgrid and assure feature adheres to BRD requirements	1	AA JQ JL GS
	Create rough draft of success and failure LLD	1	AA JQ JL GS
	Finalize and implement feedback onto the sequence diagrams	1	AA JQ JL GS
[Incomplete Task Summary] Implementation	Client	2	AA JQ JL GS
	Business logic	3	AA JQ JL GS
	Data access object	2	AA JQ JL GS
Total		10	
Decision Piece: Due to midterms, a lower estimation was created. However, if work items are not fully complete then it will be rolled over to the next sprint. With midterms over, the next sprint can be a catch up sprint due to more free time.			

Allison

Work item	Task	Estimation	Team Confirmation
[File Upload] Implement Professor feedback from Code Review	Notes from Code Review: <ul style="list-style-type: none"> - Add pagination - Add wildcard route - Change API call to only get deleted files on tab change 	3	JQ HN JL GS

	<ul style="list-style-type: none"> - Remove hardcoded file validation - Add more developer comments - Add try/catch blocks in the controller - Add input validation to backend - Troubleshoot Nightwatch.js tests 		
[User Feedback] Backend Implementation	<p>Create DAO for executing API calls through a client</p> <p>Create backend model for feedback form object</p> <p>Create service in backend for handling feedback submission</p>	4	JQ HN JL GS
Total		7	
<p>Decision Piece: [File Upload] is rolled over to this sprint because of the feedback from the client from last week's peer review. Since [File Upload] is functional, implementation of this feedback is not a priority. Backend implementation of [User Feedback] is blocked until Josh finishes the designs. Additionally, since the total estimation for this sprint's tasks is less than capacity, I will use the leftover hours to help with finishing incomplete tasks in the backlog (per last sprint's retro action plan).</p>			