

Sprint 4: 2/20/2023 - 2/26/2023**Step 1: Check Sprint Capacity of each member for the duration of the sprint.**

Member:	Abhay	Anh	Aster	David	Sierra
2/20/2023	8	1	Day Off	2	4
2/21/2023	4	1	1	2	5
2/22/2023	6	3	Day Off	6	5
2/23/2023	4	2	1	2	4
2/24/2023	2	4	5	2	5
2/25/2023	2	4	5	7	Day Off
2/26/2023	8	4	3	7	5
Est. Capacity(hours)	34	19	15	28	28

Team Total Capacity

90

Step 2: Review the Project Backlog and gather User Stories that have an estimated work effort close to the team capacity and by priority. (Hide the estimated hours for breakdown.)

As a User, I will be able to log in using my credentials.

As a property Manager, I will be able to view my current and past services.

As a property manager, I will be able to request a service from a Service Provider.

As a Service Provider, I will be able to update my service request.

As a Service Provider, I will be able to give a service rating to past request.

As a user, I will be able to share a document with other users.

As a User, I will be able to sign documents in my storage.

As a Property Manager, I will be able to view DIY Projects made by other people.

As a Property Manager, I will be able to save multiple DIY projects under a DIY dashboard.

As a Property Manager, I will be able to share my uploaded DIY videos with a public space.

As a Property Manager, I will be able to upload a new DIY project to be shared.

Step 3: Assign a User Story to each member and they will have to be solely responsible for handling its completion. Then have each person breakdown their User Story into tasks with an estimated guess of how many hours to be complete.

Abhay			Comments for Reasons or Disagreements:
User story			
As a User, I will be able to log in using my credentials.			
Tasks:		Hours	
LLD for Authentication		5	
Tests for Authentication		10	
WebApi for Authentication		10	
Frontend for Authentication		5	
	Total	30	
Anh			
User Story			
As a property Manager, I will be able to view my current and past services.			
As a property manager, I will be able to request a service from a Service Provider.			
Tasks:		Hours	
Service Management Success Cases		4	
Service Management Failure Cases		8	
	Total	12	
Aster			
User story			
As a User, I will be able to delete documents from my storage.			
As a user, I will be able to share a document with other users.			
As a User, I will be able to sign documents in my storage.			
Tasks:		Hours	
Document Storage - No Document Failure LLD		2	
Document Storage - Wrong Document Failure LLD		2	
Document Storage - See Unsearchable Document Failure LLD		2	

Document Storage - Infinite Loop Search Failure LLD	2
Document Storage - No Matching Document Success LLD	2
Total	10
David	
User story	
As a Property Manager, I will be able to view DIY Projects made by other people.	
As a Property Manager, I will be able to save multiple DIY projects under a DIY dashboard.	
As a Property Manager, I will be able to share my uploaded DIY videos with a public space.	
As a Property Manager, I will be able to upload a new DIY project to be shared.	
Tasks:	Hours
DIY LLD Success Case	8
DIY LLD Failure Case	8
DIY Front End Design	8
Total	24
Sierra	
User story	
As a Service Provider, I will be able to update my service request.	
As a Service Provider, I will be able to give a service rating to past request.	
Tasks:	Hours
Request Management LLD success case	12
Request Management LLD Failure cases	10
Total	22

Plan to revise and get comments from professor

Step 4: Assign Tasks to each member based on a combination of want, time capacity, and completion ability.

Abhay	Hours	Anh	Hours	Aster	Hours
LLD for Authentication	5	Service Management Success Cases	4	Doc Storage - Search - No Document Failure LLD	2
Tests for Authentication	10	Service Management Failure Cases	8	Doc Storage - Search - Wrong Document Failure LLD	2
WebApi for Authentication	10			Doc Storage - Search - See Unsearchable Doc Failure LLD	2
Frontend for Authentication	5			Doc Storage - Search - Infinite Loop Search Failure LLD	2
				Doc Storage - Search - No Matching Doc Success LLD	2

David	Hours	Sierra	Hours
DIY LLD Success Case	8	Request Management LLD success case	12
DIY LLD Failure Case	8	Request Management LLD Failure cases	10
DIY Front End Design	8		

Step 5: Discussion for new issues, impacts on projects, and dependencies that could cause issues.

David: I think that the Authentication needs to be a main priority as we will need it to be integrated into other features.

Sierra: We need to create a general environment that includes the core requirements that everyone can add to.

David: We also need to set up a single web app project as our main coding environment that could be setup in github to branch out as of right now all code are separated.

Abhay: Members need to research more so we can all be on the same level, i.e. for GitHub and AWS.

	Abhay	Anh	Aster	David	Sierra	Total
Total Estimated Work Hours	30	12	10	24	22	98
Total Individual Capacity	34	19	15	28	28	124

Epic from User Story:	Authentication	Service Management	Document Storage	DIY Manager	Request Management	Total
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Task Breakdown Estimate:	30	12	10	24	22	86	Note: Hours gathered from project plan and project backlog
Initial Estimated Effort Level:	30	48	50	40	40	208	Note: Hours gathered from project plan and project backlog
Step 6: Are there any disparities between the initially estimated effort and the new effort level Yes or No? If yes, explain how would you account for the difference whether its under/over the intial effort level.							
Abhay: No, the authentication estimated effort fits equals exactly to what we came up with in sprint planning. And my capacity is over the estimated effort from the sprint planning. I have some extra capacity, but as it not big enough for another user story. So I will use that capacity for backup.		Anh: I think I overestimated by effort level just a bit. I ended up being busy for this week and couldn't put the time I allotted myself. Perhaps next sprint I should lower my capacity and see how well that would be.			Aster: Yes, I underestimated the workload considering the failure case LLD for the same part of the feature would be quite similar. Instead, I had to figure out how to work the failure, causing more time used up.		
David: The project backog stated this userstory should be 20 hours ,but I estimated 24. I put 8 hours for each front end design, success cases, and failure cases because I thought that since there should be multiple flows for each it would take me about 1-2 hour for each design flow but I expect to go back to each flow and add another 1 hour to fix. Also I'm still new to using figma for front end design so I decided that should be 8 hours to give me extra time for mistakes and to learn it but I expect to create first design in about 2 hours and then another 2 hours adjusting and fixing with 4 hours of learning and trouble shooting. So I actually estimated less time than BRD but gave my self extra failure room so it was more time.		Sierra: My effort level turned out to be more than initially estimated so Im going to use this whole sprint to finish my success cases and failure cases and ask questions.This way i would not be too behind for the implementaion part next sprint. Although I am already behind I plan to catch up next sprint.					
Step 7: Does everyone agree with tasks/workload and hours for each member Yes or No? If no we either change tasks or work capacity.							
Abhay	Yes				Team Total Capacity		
Anh	Yes				124		
Aster	Yes						
David	Yes				Total Work Taken		
Sierra	Yes				98		
Step 8: Conclusion							
Team AA: The new calculated workload and effort level ended up being equal to the initially estimated so we decided to leave this sprint as is and not bring in another user story to meet total team capacity. There was alot of underestimation and overestimation for each of our user stories which led to a surprising consistent workload capacity.							