Sprint 9: 3/27/2023 - 4/2/2023

Step 1: Check Sprint Capacity of each member for the duration of the sprint.

Member:	Abhay	Anh	Aster	David	Sierra
3/27/2023	8	Day-Off	Day-Off	5	6
3/28/2023	6	1	2	1	6
3/29/2023	8	2	Day-Off	5	4
3/30/2023	2	Day-Off	3	1	6
3/31/2023	2	Day-Off	3	1	6
4/1/2023	2	3	4	6	4
4/2/2023	Day-Off	4	3	6	6
Est. Capacity(hours)	28	10	15	25	38

Team Total Capaciy
116

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 property Manager, I will be able to provide information about my desired property.

As a property Manager, I will be able to get a estimated property evaluation from the information provided.

As a User, I will view a price chart for services and projects.

As a User, I will be able to compare the cost of different services.

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

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

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

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

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

As a Service Provider, I will be able to view my services.

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.

Ahbay

User story	Comments for Reasons or Disagreements:

As a property Manager, I will be able to provide information about my desired property.	I am going to finish Property Evaluation which I was not able to from last sprint. And I will start designing for Maintainence and Renovation. And with remaining time I will help teammates with integration to our frontend.
As a property Manager, I will be able to get a estimated property evaluation from the information provided.	
As a User, I will view a price chart for services and projects.	
As a User, I will be able to compare the cost of different services.	

Tasks:	Hours
Fix the errors with Property Evaluation frontend	10
Help teammates with integration	4
LLD for Maintenance and Renovation	10
Backend for Maintenance and Renovation	15
Frontend for Maintenance and Renovation	20
Tests for Maintenance and Renovation	15
Total	**74**

Anh

User Story

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

Tasks:	Hours
Develop frontend to reconsile with the backend	4
Integration Test	5
Total	**9**

Aster

User story		Hours
As a user, I will be able to share a document with other users.		
As a User, I will be able to upload documents to my storage.		
Tasks:		**Hours**
Document Storage Upload - LLD fixing		2
Document Storage Share - LLD making		4
Document Storage Search - LLD fixing		1
Other Document Storage - LLD fixing		8
	Total	**15**

David

User story		
As a Property Manager, I will be able to save multiple DIY projects under a DIY dashboard.		
Tasks:		**Hours**
DIY - Frontend		6
DIY - Integration		3
DIY - Code		8
DIY - Testing		4
	Total	**21**

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 view my services.		
Tasks:		**Hours**
Request Management - Refactor Code :UI/ Javascript		5
Request Management - Notify Users : Backend		10
Request Management - Notify Users: Frontend		10
Request Management - Email Admin: Frontend		10
Request Management - Email Admin: Backend		5
	Total	**40**

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

Abhay	Hours	Anh	Hours	Aster	Hours
Fix the errors with Property Evaluation frontend	10	Develop frontend to reconsile with the backend	4	Document Storage Upload - LLD fixing	2
LLD for Maintenance and Renovation	10	Integration Test	5	Document Storage Share - LLD making	4
Help teammates with integration	4			Document Storage Search - LLD fixing	1
				Other Document Storage - LLD fixing	8

David	Hours	Sierra	Hours
DIY - Frontend	6	Request Management - Refactor Code :UI/	5
DIY - Integration	3	Request Management - Notify Users : Backend	10
DIY - Code	8	Request Management - Notify Users: Frontend	10
DIY - Testing	4	Request Management - Email Admin: Frontend	10
		Request Management - Email Admin: Backend	5

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

We need to fixed the backlog and include the estimated work hours from the project plan

	Abhay	Anh	Aster	David	Sierra	Total	
Total Estimated Work Hours	24	9	15	21	40	109	
Total Individual Capacity	28	10	15	25	38	116	

Epic / Work Item	Maintenance and Renovation	Service Management	Document Storage	DIY Manager	Request Management	Total	
Task Breakdown Estimate:	74	9	15	21	40	150	Note: Hours gathered from task breakdown
Initial Estimated Effort Level:	30	20	50	100	100	300	Note: Hours gathered from project plan and project backlog

Step 6: Are there any disparities between the intially 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.

There is a huge difference in effort level, as from experience from other sprints, I know that code takes much longer than we anticipated and planned for. Designing may require less time than planned. But my unfamiriality with the frontend code requires a lot of debugging.

Anh: Yes, there is a slight underestimation from planned effort time to available time for me. For integration testing I plan to use Postman, which is a tool I am somewhat familiar with so learning to use it effectively won't take up too much of my time in implementing work.

Aster: I am continuing my time extension on the LLD just as previous sprints have shown me in my ability compared to the project backlog.

David - The task breakdown was less then the previous estimated due to the fact I already done the design. I set the frontend to 6 hours which is less than normal because it is a smaller part of the feature and I have worked on part of it already. There is some integration I need to do to combine work but it should only take about 3 hours of productive work. The code is 8 hours since it should be easier now that alot of the backend supporting code is made and I would only need to follow my designs. I always set testing to be 50% time of the time it takes to code.

Sierra - Yes, the initially estimated effort was a lot less than what it turned out to be due to lack of research and unexpected features. I spent alot of time researching and trying to find solutions the errors that I got.This feature took me 2 more weeks longer than it should have. However for my next assigned features I believe it would take less time since I came across all errors possible doing the request management feature. For this sprint the task break down estimate is slight more than my work capacity but i think I will be able to finish everything.

		Team Total Capacity	
		116	

Abhay	Yes
Anh	
Aster	Yes
David	
Sierra	Yes

Total Work Taken
109

Step 8: Conclusion

Team AA: