Sprint 7: 3/13/2023 - 3/19/2023

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

Member:	Abhay	Anh	Aster	David	Sierra
3/13/2023	5	Day-Off	Day-Off	1	6
3/14/2023	3	1	1	1	Day Off
3/15/2023	5	Day-Off	Day-Off	5	4
3/16/2023	3	2	1	1	5
3/17/2023	2	2	3	1	5
3/18/2023	2	3	3	6	5
3/19/2023	5	4	3	6	5
Est. Capacity(hours)	25	12	11	21	30

Team Total Capaciy
99

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 recovery my account using my email.
As a user, I will be able to login into my account using my email and password.
As a user, I will be able to get a Property Evaluated.
As a system administrative user, I will be able to bulk process requests.
As a User, I will be able to delete documents from my storage.
As a Property Manager, I will be able to give an service rating to past service.
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 service provider, I will be able to view my services.
As a User, I will be able to see the dashboard.

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

As a user, I will be able to login into my account using my email and password.
As a user, I will be able to get a Property Evaluated.
As a system administrative user, I will be able to bulk process requests.

Comments for Reasons or Disagreements:
I will be spending the next 2 days fixing all the errors with Authentication and Property Evaluation, wiith the rest of the sprint will spent on designing. And setting up AWS/

Tasks:	Hours
Fix all the errors with Authentication	5
Fix all the errors with Property Evaluation Backend.	5
Fix all the errors with Property Evaluation Frontend.	5
Design the Bulk processing backend.	5
Set up AWS.	3
Total	**23**

Anh

User Story

As a Property Manager, I will be able to give an service rating to past service.

Tasks:	Hours
Implementation	4
Debug	4
Test	4
Total	**12**

Aster

User story

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

Tasks:	Hours
Document Storage delete LLD - success case	3
Document Storage delete LLD - not deleted failure case	3

Document Storage delete LLD - no delete button failure case		2
Document Storage delete LLD - not their own failure case		3
	Total	11

David

User story

As a user, I will be able to recovery my account using my email.

Tasks:	Hours
Account Recovery - Code Fixes	10
Account Recovery - Front End	7
Total	17

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.

As a service provider, I will be able to view my services.

As a User, I will be able to see the dashboard.

Tasks:	Hours
Update - Frontend Implementation	15
View - Frontend Implementation	5
Rating - Frontend Implementation	5
Rating - Backend Implementation (Request DAO)	1
Dashboard - Backend(Service, Manager)	4
Total	30

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 all the errors with Authentication	5	Implementation	4	Document Storage delete LLD - success case	3
Fix all the errors with Property Evaluation Backend	5	Debug	4	Document Storage delete LLD - not deleted failure case	3
Fix all the errors with Property Evaluation Frontend	5	Test	4	Document Storage delete LLD - no delete button failure case	2
Design the Bulk processing backend.	5			Document Storage delete LLD - not their own failure case	3
Set up AWS.	3				

David	Hours	Sierra	Hours
Account Recovery - Code Fixes	10	Update - Frontend Implementation	15
Account Recovery - Front End	7	View - Frontend Implementation	5
		Rating - Backend Implementation	1
		Rating - Frontend Implementation	5
		Dashboard - Backend(Service, Manager)	4

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

David: We need to start integrating all the core requirements to all app specific features. I suggest one or two people work together to learn the best way to integrate them and then teach others.

Abhay: We need to start setting up the AWS, and SPA framework to integrate everyboies frontend code.

	Abhay	Anh	Aster	David	Sierra	Total
Total Estimated Work Hours	23	12	11	17	30	93
Total Individual Capacity	25	12	11	21	30	99

Epic / Work Item	Property Evaluation	Service Management	Document Storage	Account Recovery	Request Management	Total	
Task Breakdown Estimate:	23	12	11	17	30	81	Note: Hours gathered from task breakdown
Initial Estimated Effort Level:	100	120	50	18	100	388	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.

The disparity was caused because I am only finishing part of the whole feature. And thus the estimated work for the work items was less than total estimated in the backlog.

Anh: I might be overestimating my work tasks. Last sprint I could barely finish on time, so this sprint, I gave myself one task and hope to finish it with the time I have alloted myself.

Aster: As mentioned in previous sprint plannings, I need more hours than expected due to my lack in ability. And previous sprint plannings with more time helped me finish with sometimes extra effort hours.

David: When this user story was made it was with most of account recovery done with small changes needed so we made it only 10 hours. The task breakdown I placed it into two tasks which were code changes for 10 hours and front end for 7 hours. I think code changes should be like 8 hours and front end should be about 5 but I am adding a 2 hour buffer to each. The estimation difference became 17 hours more then the initial guess due to the overestimations. I also decided to only take these task so there is also a buffer in work capacity for emergencies.

Sierra: I ended up underestimating how long it would take to complete request management in my task breakdown and it turned out to be more than intially estimated. I have to complete the frontend part of my feature and start on my next assigned feature. Half of this sprint will be used finishing the request management.

Abhay	Yes	
Anh	Yes	
Aster	Yes	
David	Yes	
Sierra	Yes	

Team Total Capacity

99

Total Work Taken

93

Step 8: Conclusion

Team AA: In conclusion when we previously estimated the work hours for the work items we overestimated how much time it would take to complete the task. Also since most of us are doing implementation the hours calculated for this sprint turned out to be closer to the estimated since our previous estimation relied heavily on implementation.