Sprint 12: 4/17/2023 - 4/23/2023

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

Member:	Abhay	Anh	Aster	David	Sierra
4/17/2023	4	1	Day Off	3	5
4/18/2023	4	1	2	2	Day Off
4/19/2023	5	2	1	6	4
4/20/2023	4	3	2	Day Off	4
4/21/2023	2	5	5	2	6
4/22/2023	2	Day Off	6	6	6
4/23/2023	6	3	5	6	6
Est. Capacity(hours)	27	15	21	25	31

Team Total Capaciy
119

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 request a frequency rate change for a current service.
As a Property Manager, I will be able to request a service cancellation for a current service.
As a User, I will be able to create crime alerts.
As a User, I will be able to delete crime alerts that I created.
As a User, I will be able to create and add projects to my account.
As a User, I will be able to edit projects that I created.
As a User, I will be able to delete projects that I created.

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 User, I will be able to create and add projects to my account.
As a User, I will be able to edit projects that I created.
As a User, I will be able to delete projects that I created.

Delete Project' will closely follow the completion of 'Add Project.' This means that after implementing 'Add Project,' most of the code for 'Edit' and 'Delete' will require only minor modifications.

Tasks:	Hours
Tests for Adding a Project	3
Tests for Editing a Project	1
Tests for Deleting a Project	1
Backend for Adding a Project	5
Backend for Editing a Project	2
Backend for Deleting a Project	2
Frontend for Adding a Project	8
Frontend for Editing a Project	2
Frontend for Deleting a Project	2
Total	26

Anh

User Story	

As a User I will be able to modify an appointements and events that I created.
As a user, I will be able to remove appointments.

Tasks:	Hours
LLD Calendar update appointments	2
Backend, endpoints, crud, dataaccess	3
Frontend	2
LLD Calendar delete appointments	2
Backend, endpoints, crud, dataaccess	3
Frontend	2

		Total	14
Aster			
User story			
As a User, I will be able to upload documents to my storage.			
Tasks:			**Hours**
LLD			**5**
Backend			**15**
Frontend			**20**
Testing			**15**
		Total	55
David			
User story			
As a User, I will be able to create crime alerts.			
As a User, I will be able to delete crime alerts that I created.			
Tasks:			**Hours**
Crime Alert Create - Frontend Code			**2**
Crime Alert Create - Backend Code			**6**
Crime Alert Create - Test			**4**
Crime Alert Delete - Frontend Code			**2**
Crime Alert Delete - Backend Code			**6**
Crime Alert Delete - Test			**4**
		Total	24
Sierra			
User story			
As a Property Manager, I will be able to request a frequency rate change for a current service.			
As a Property Manager, I will be able to request a service cancellation for a current service.			
Tasks:			**Hours**
Service Management - Frequency Change (Frontend)			**10**
Service Management - Cancellation (Frontend)			**5**
Frontend end to end testing			**8**
		Total	23

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

Abhay	Hours	Anh	Hours	Aster	Hours
Tests for Adding a Project	3	LLD Calendar update appointments	2	Backend	15
Tests for Editing a Project	1	Backend, endpoints, crud, dataaccess	3	Frontend	20
Tests for Deleting a Project	1	Frontend	2		
Backend for Adding a Project	5	LLD Calendar delete appointments	2		
Backend for Editing a Project	2	Backend, endpoints, crud, dataaccess	3		
Backend for Deleting a Project	2	Frontend	2		
Frontend for Adding a Project	8				
Frontend for Editing a Project	2				
Frontend for Deleting a Project	2				

David	Hours	Sierra	Hours
Crime Alert Create - Frontend Code	2	Service Management - Frequency Change (Frontend)	10
Crime Alert Create - Backend Code	6	Service Management - Cancellation (Frontend)	5
Crime Alert Create - Test	4	Frontend end to end testing	8
Crime Alert Delete - Frontend Code	2		
Crime Alert Delete - Backend Code	6		

Crime Alert Delete - Test	4			

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

	Abhay	Anh	Aster	David	Sierra	Total
Total Estimated Work Hours	26	14	35	24	23	122
Total Individual Capacity	27	15	21	25	31	119

Epic / Work Item				Crime Map	Service Management	Total	
Task Breakdown Estimate:	27	14	55	24	23	129	Note: Hours gathered from task breakdown
Initial Estimated Effort Level:	45	50	25	50	60	230	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.

Intial Estimate is less than current breakdown, because LLD are completed and are not considered in the task breakdown.

Anh: the estimated work work hours will be slightly less than my availibilty. This is to account for any unproductivity on my account. In this sprint, I will be taking down about a quarter off the time from the initial effort level. Although this may seem underproductive, I am confident that I can complete the features within the deadline.

Aster: I am not done with my previous sprint workload of Document Storage Upload backend so it shows I need more time to work on the backend, more likely so for the frontend as well.

David: The new estimation is far lower than the initial estimation because I have some of the front end already made and part of the backend that was made in previous sprints. So my estimate was 24 hours while the backlog states it as 50 hours. I also have all the LLD and front end designs completed from last sprint also. For each front end I estimated 2 hours each and the backend as 6 hours each because these two or simplier designs of just editing and deleting existing crime alerts. The test is set at 50% of the total coding time so I put it at 4 hours each.

Sierra: The intially estimated effort level was less than the new effort. Because of unexpected errors and lack of frontend development knowledge the feature is taking longer to develop than initially estimated. The initial estimate also did not take into account enough time for frontend develop. The initial estimated effort level was 120 and the new effort is 130. I hope to finish this feature before the end of this sprint and to finish on Usage Anaylsis Dashboard.

Abhay	Yes
Anh	yes
Aster	yes
David	Yes
Sierra	Yes

Team Total Capacity
119

Total Work Taken
122

Step 8: Conclusion

Team AA: We as a team are making task less hours as we get better at completing task. This has allowed us to get more user stories and work on more task each sprint.