Sprint 11: 4/10/2023 - 4/16/2023

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

Member:	Abhay	Anh	Aster	David	Sierra
4/10/2023	6	Day-off	day off	1	6
4/11/2023	0	1	1	2	5
4/12/2023	6	1	day off	5	3
4/13/2023	4	day-off	2	3	5
4/14/2023	2	6	4	Day-Off	6
4/15/2023	2	day-off	5	6	5
4/16/2023	5	3	3	6	5
Est. Capacity(hours)	25	11	15	23	35

Team Total Capaciy
109

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 view my existing appointments on the calendar.
As a User, I will be able to add or remove appointments on my calendar.
As a User, I will be able to delete crime alerts that I created.
As a User, I will be able to upload documents to my storage.
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.
As a User, I will be view a price chart for services and projects.
As a Property Manager, I will be able to view my past service ratings.
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.

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

Comments for Reasons or Disagreements:
As Edit and Delete follows the same pattern as Add Project, I think those should not be too hard to design, test, and implement.

User story

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

Tasks:	Hours
LLD for edit projects that I created	2
LLD to delete projects that I created.	2
LLD for viewing a price chart for services and projects.	5
Tests for edit projects that I created	5
Tests to delete projects that I created.	5
Tests for viewing a price chart for services and projects.	10
Backend endpoint for edit projects that I created	8
Backend endpoint to delete projects that I created.	8
Backend endpoint for viewing a price chart for services and projects.	8
Frontend for the feature	8
Total	61

Anh

User Story	Calendar

As a User, I will be able to add or remove appointments on my calendar.
As a User, I will be able to view my existing appointments on the calendar.

Tasks:	Hours
Calendar insert - Backend, endpoints, crud, dataaccess	4
Calendar insert - Frontend	2
Calendar view - Backend, endpoints, crud, dataaccess	4
Calendar view - Frontend	2
Total	12

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 delete crime alerts that I created.		

Tasks:		Hours
Crime Map - Front End Design		1
Crime Map - LLD		2
Crime Map - Code		10
Crime Map - Testing		5
	Total	18

Sierra

User story	
As a Property Manager, I will be able to view my past service ratings.	
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 - View past services Frontend		5
Service Management - View past services Backend		5
Service Management - Frequency change & Cancellation Frontend		15
Service Management - Frequency change & Cancellation Backend		10
	Total	35

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 edit projects that I created	2	Calendar insert - Backend, endpoints, crud, dataaccess	4	Document Storage - Backend	15
LLD to delete projects that I created.	2	Calendar insert - Frontend	2		
LLD for viewing a price chart for services and projects.	5				
Tests for edit projects that I created	5	Calendar view - Backend, endpoints, crud, dataaccess	4		
Tests to delete projects that I created.	5	calendar view - Frontend	2		

David	**Hours**	**Sierra**	**Hours**		
Crime Map - Front End Design	1	View past services Frontend	5		
Crime Map - LLD	2	View past services Backend	5		
Crime Map - Code	10	Frequency change & Cancellation Frontend	15		
Crime Map - Testing	5	Frequency change & Cancellation Backend	10		

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

The Peer review coming up could cause us to rush out designs as we would need it to have an internal due date so that team members have enough time to complete their peer review.

	Abhay	Anh	Aster	David	Sierra	Total
Total Estimated Work Hours	19	12	15	18	35	99
Total Individual Capacity	25	11	15	23	35	109

Epic / Work Item	Maintenance & Renonvation	Calendar	Document Storage	Crime Alert	Service Management	Total	
Task Breakdown Estimate:	61	12	55	18	35	169	Note: Hours gathered from task breakdown
Initial Estimated Effort Level:	70	32	20	25	60	207	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.

With previous coding experience and some reliance on reusable code, I think I am going to need less time than estimated intially.

Anh: My estimated work hours is slightly off the mark and higher than my planned availibility this sprint plan. I think this is okay because I am getting more familiar with the system. I'm also thinking of ways to deploy the applications.

David: My new estimate is 18 when the original was 25 hours so it was 7 hours less. I think it is less because as the semester goes on it becomes easier and more efficient to complete the tasks as we become more comfortable with it.

Sierra: My estimated work level turns out to be more than the initially estimated effort level because I had a lack of knowledge about how to implement the feature in regards to frontend. I also need to consider how to intergrate my code with other fuctionalities implemented by other members.

Abhay	Yes
Anh	yes
Aster	yes
David	Yes
Sierra	Yes

Team Total Capacity
109

Total Work Taken
99

Step 8: Conclusion

Team AA: Our total work load is less than normal so we believe that we have a higher chance of completing all our tasks with a chance of starting our next task.