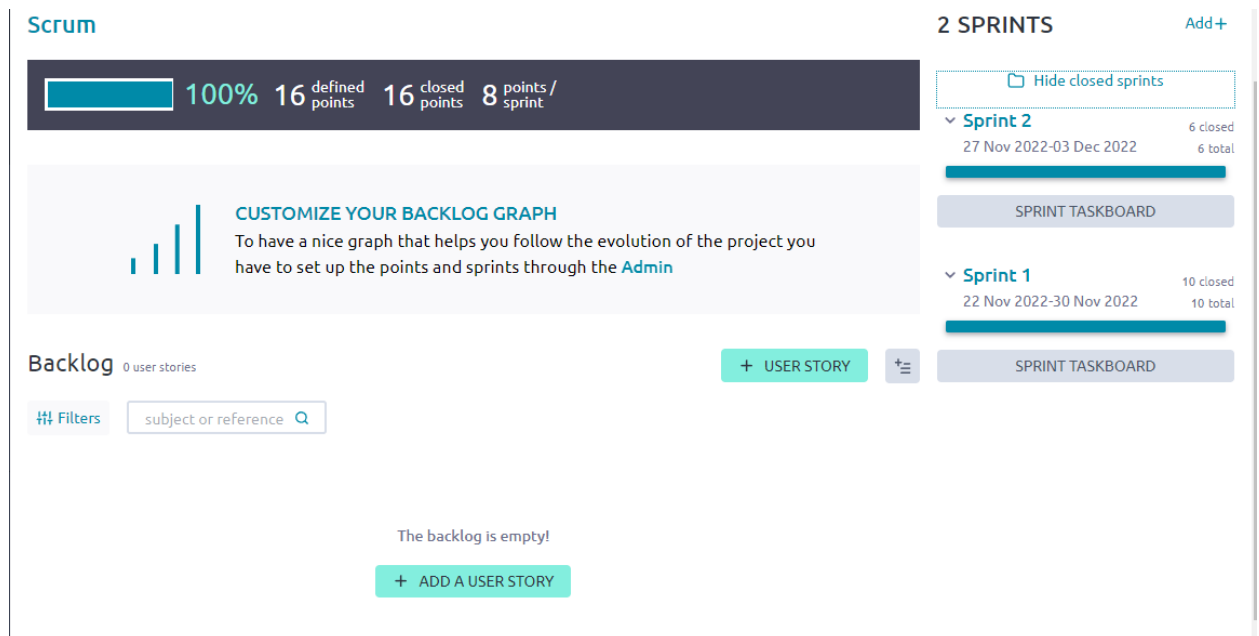# CSE 563: Project Report

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Product Backlog:

The product backlog shows all the user stories which are discussed within the team. They are prioritized and then added to work in sprints. The product backlog was by priority.

1. Load a Roster
2. Add Attendance
3. Save Data
4. Plot Data
5. Show Team Information

1. **Sprint Backlog:**
   We divided the tasks into two sprints.

> **Sprint 2**   6 closed
> 27 Nov 2022-03 Dec 2022   6 total

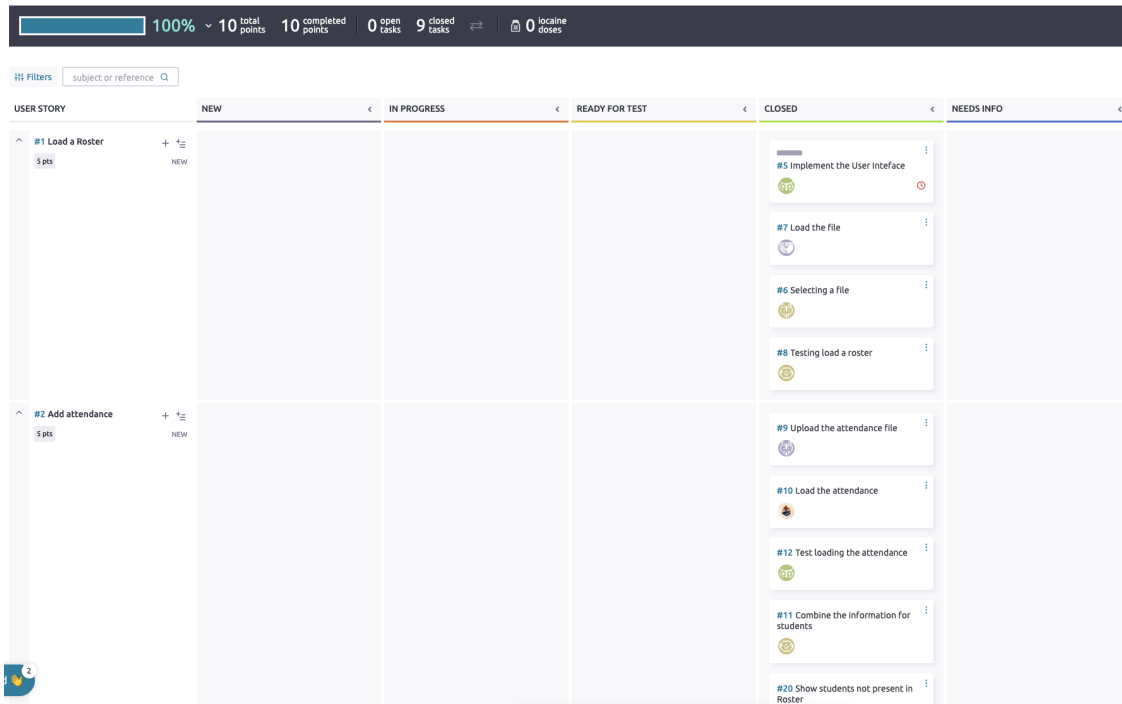| #3 Save the data | 2 |
| #15 Show team info | 1 |
| #4 Plot the data | 3 |

SPRINT TASKBOARD

> **Sprint 1**   10 closed
> 22 Nov 2022-30 Nov 2022   10 total

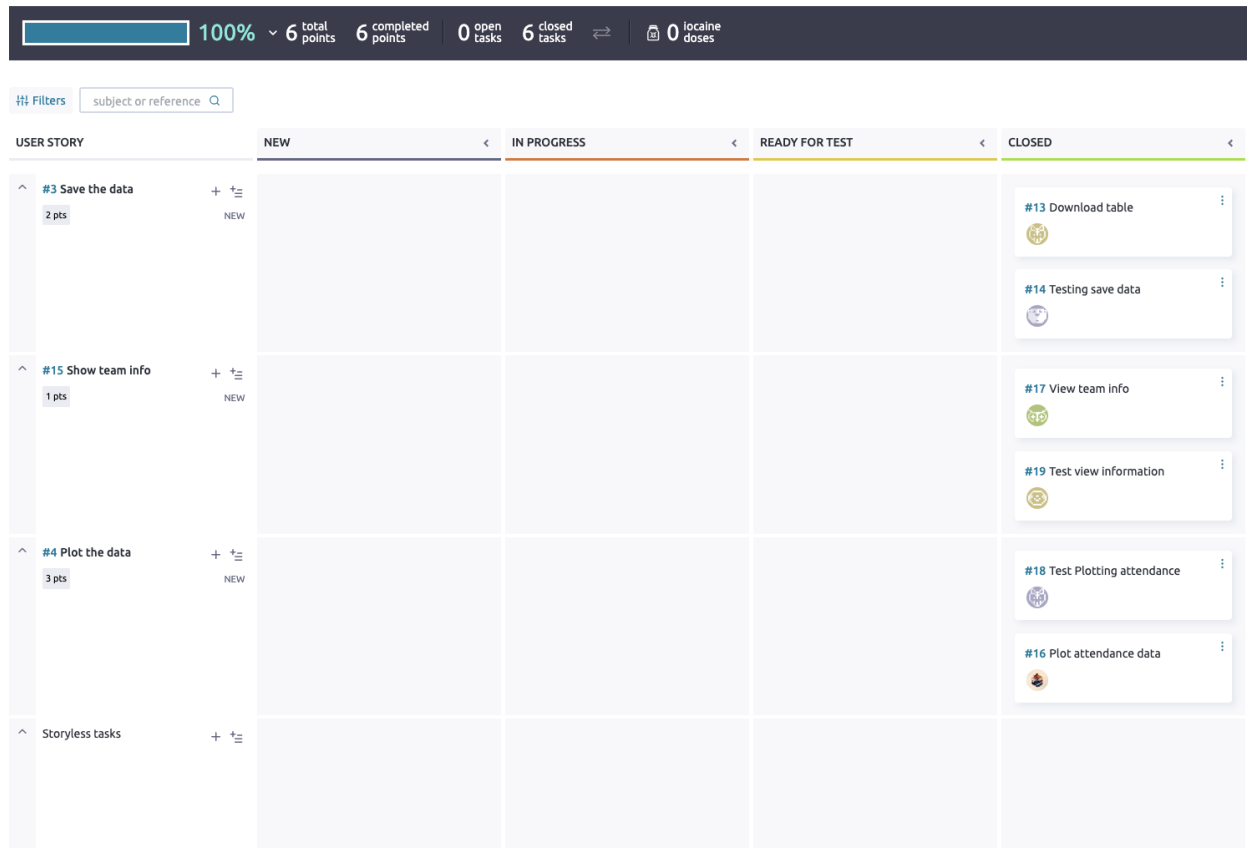| #1 Load a Roster | 5 |
| #2 Add attendance | 5 |

2. Taskboard:
Sprint 1:

Sprint 1 22 Nov 2022 to 30 Nov 2022

100% · 10 total points 10 completed points 0 open tasks 9 closed tasks 0 locaine doses

Filters   subject or reference

USER STORY	NEW	IN PROGRESS	READY FOR TEST	CLOSED	NEEDS INFO
#1 Load a Roster + ≡ 5 pts NEW				#5 Implement the User inteface #7 Load the file #6 Selecting a file #8 Testing load a roster	
#2 Add attendance + ≡ 5 pts NEW				#9 Upload the attendance file #10 Load the attendance #12 Test loading the attendance #11 Combine the information for students #20 Show students not present in Roster	

Sprint 2:

3. Sprint Review:

As a team, we were able to accomplish the below mentioned items in a total of two sprints.

During the first sprint, we could finish the following tasks/functionalities:

1. Load a Roster
2. Add attendance
3. Implement User Interface
4. Select the file
5. Load the file
6. Test load a roster
7. Upload attendance file
8. Load the attendance
9. Combine the information for the students

10. Test Load attendance
11. Show students who are not present in the roster.

During the second and final sprint, we could finish the following tasks/functionalities:
1. Save the data
2. Plot the data
3. Download table
4. Test save data
5. Show team information
6. Plot attendance data
7. View team information
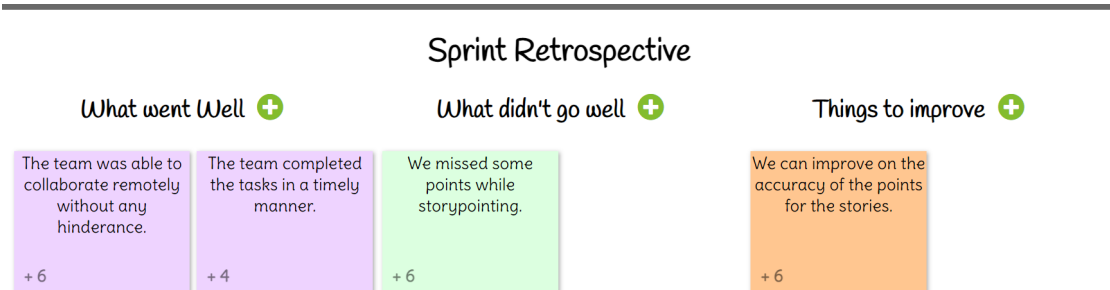8. Test plot attendance
9. Test view information

We were able to complete the tasks defined within the sprint with some delay where some of the tasks were not completed by the sprint end. But the team learned from the experience and was able to cover up within the next sprint cycle.
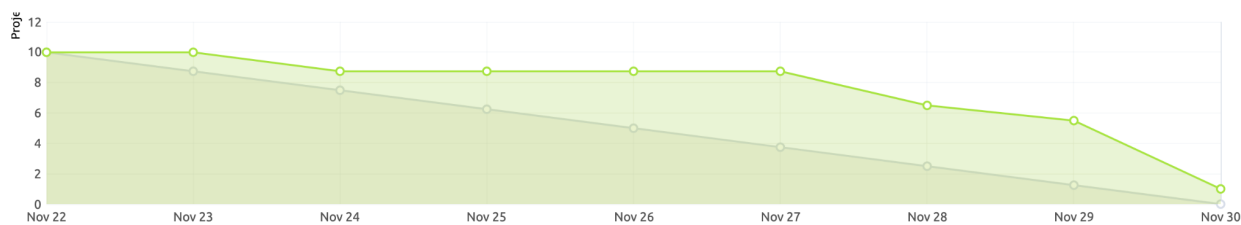
4. **Sprint Retrospective:**
   We created a sprint retrospective using a tool called IdeaBoard and had a discussion on 3 parameters:
   1. What went well
   2. What didn't go well
   3. Things to improve
   We added a few things to it and then everyone voted on it.

Sprint Retrospective

What went Well ➕		What didn't go well ➕	Things to improve ➕
The team was able to collaborate remotely without any hinderance.	The team completed the tasks in a timely manner.	We missed some points while storypointing.	We can improve on the accuracy of the points for the stories.
+ 6	+ 4	+ 6	+ 6

5. Burndown Chart:

Sprint 1

Sprint 2