

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	20 October 2022
Team ID	PNT2022TMID37730
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning
Team Lead	S.G.Keerthana
Team Members	S.Narmadha,N.Priya dharshini,M.Tharani
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	S.G.Keerthana
Sprint-1	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for getting the data set.	1	High	S.Narmadha
Sprint-1	Login	USN-3	As a user, I can login to the application by entering my email and password.	1	High	N.Priya dharshini
Sprint-1	Home Page	USN-4	As a user, I can find the data set to analyse waterquality.	2	High	M.Tharani

**Project Tracker, Velocity & Burn down Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	4 Days	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022