Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30125
Project Name	Project - Real time water quality monitoring system
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	roshini wisumdeen
Sprint-2	login	USN-2	As a user i will login the through website and developer will see registration process	1	medium	gajapati.ve.s roshini
Sprint-3	login dashboard	USN-3	As a user, I can register in the login dashboard	2	Low	surya gajapati.ve.s
Sprint-4	developing the product	USN-4	As a developer i can able to develop the products requirements by hardware and connecting to the software requirements	2	high	roshini waismudeen gajapati.ve.s surya
Sprint-5	IoT Platforms and Security	USN-5	As a developer develop I can able to secure my iot platform wth safety purpose so i can be able to protect my datas by hackers	1	High	gajapati.ve.s surya roshini

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5	4 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	5	5 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	6	4 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	13	13 Days	14 Nov 2022	26 Nov 2022		
Sprint-5	8	8 DAYS	27 nov 2022	6 Nov 2022		

Velocity:
Imagine we have a 25-day sprint duration, and the velocity of the team is10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average velocity = sprint duration/velocity = 25/10 =2.5