Project Planning Phase

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

Date	18 October 2023
Team ID	NM2023TMID05082
Project Name	Project - AQUATIC INSIGHTS: COGNOS POWERED WATER PORTABILITY ANALYSIS
Maximum Marks	8 Marks

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

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	Muthu
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Natarajan
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Nabiyullah
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Natarajan
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Ranjith
Sprint-1	Dashboard	USN-6	Create successfully	2	High	Natarajan

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	20	6 Days	04 Oct 2023	09 Oct 2023	20	04 Oct 2023
Sprint-2	20	6 Days	10 Oct 2023	15 Oct 2023		
Sprint-3	20	6 Days	15 Oct 2023	18 Oct 2023		
Sprint-4	20	6 Days	19 Oct 2023	29 Oct 2023		

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.