Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID33700
Project Name	Project - Fertilizer Recommendation System For Disease Prediction
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	Mahiladevi Sneha Rajamahes wari
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sowmiya Mahiladevi
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Sneha
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Rajamahes wari Sowmiya

Sprint-1		USN-5	As a Web user, I can register with a User ID on the System	2	High	Mahiladevi Sneha
Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	2	High	Rajamaheswari Sowmiya Mahiladevi
Sprint-3	Customer support	USN-7	As a Supporter, I can Understand exactly how customer use the product	1	Low	Mahiladevi

Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-3	Analyst	USN-8	As a Admin, I can Update many dataset about the Plant Diseases	2	High	Sneha Sowmiya
Sprint-4	Prediction	USN-9	It uses AI to identify the Plants Disease within the Captured photos and Live View of Prediction	2	High	Rajamaheswari Sneha Mahiladevi

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022

Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Sprint Delivery Progress:

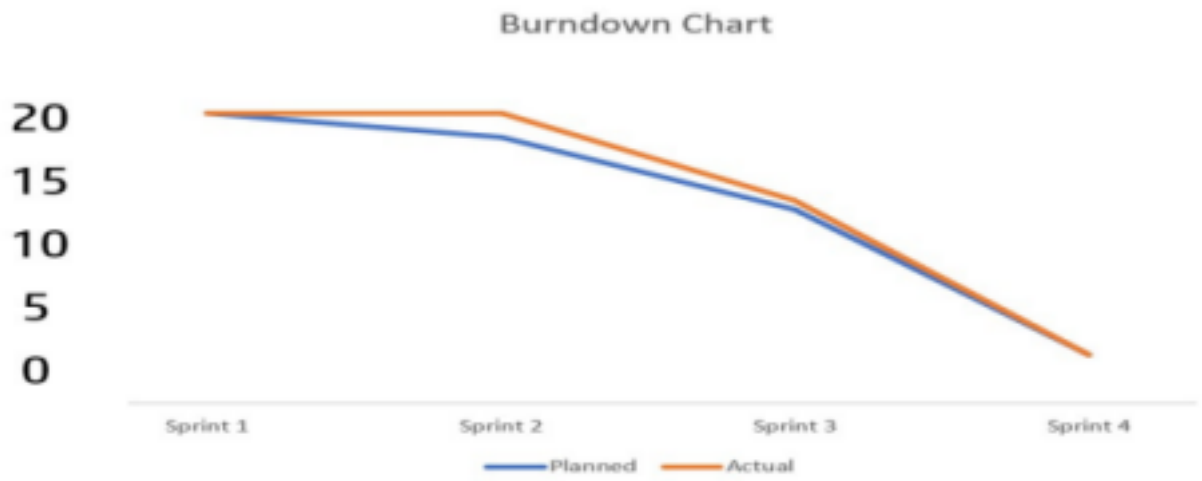
Velocity:

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 burndown 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.



X- Axis: Story Points Y-Axis: Sprints Stages