

**Project Planning Phase**  
(Product Backlog, Sprint Planning, Stories, Story points)

Date	5 November 2022
Team ID	PNT2022TMID48803
Project Name	Fertilizers 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 by entering my email ,phone number, date of birth, password and confirm password	3	High	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E
		USN-2	As a user, I will receive confirmation message in my email once I have registered or OTP will be sent	2	High	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai

						E
Sprint-2	Dashboard	USN-3	Enter the password and mail ID to login the dashboard.	2	Medium	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E
Sprint-3	Login	USN-4	As a user, I can log in by entering email & password	2	Medium	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E
sprint-4	Forgot password	USN-5	Suppose a user forgot password by clicking forgot password and OTP send to my number or mail.	3	Medium	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E

Sprint-5	Professional responsible.	USN-6	As a customer care executive I'm the responsible for communicating the how's and why's regarding service exceptions within a company.	2	Medium	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E
Sprint-6	Data collection	USN-7	As an admin ,I can upload the data set to train the device.	1	Low	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E
		USN-8	Dealing with queries on the phone and by email. Arranging post and deliveries	1	Medium	Jananipriya M Pandeewari S Chibi S Divya T Anushameenambigai E

## Sprint Delivery Plan

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

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	4 Days	28 Oct 2022	30 Oct 2022	10	30 Oct 2022
Sprint-2	20	5 Days	31 Oct 2022	02 Nov 2022	10	02 Nov 2022
Sprint-3	20	4 Days	03 Nov 2022	06 Nov 2022	10	06 Nov 2022
Sprint-4	20	6 Days	07 Nov 2022	10 Nov 2022	10	10 Nov 2022

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

Burn down Chart:

