Project Planning Phase

Date	15 November 2022
Team ID	PNT2022TMID48827
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	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram
		USN-2	As a user, I will receive confirmation message in my email once I have registered or OTP will be sent	2	High	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram

Sprint-2	Dashboard	USN-3	Enter the password and mail ID to login the dashboard.	2	Medium	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram
Sprint-3	Login	USN-4	As a user, I can log in by entering email & password	2	Medium	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram
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	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram

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	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram
Sprint-6	Data collection	USN-7	As an admin ,I can upload the data set to train the device.	1	Low	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram
		USN-8	Dealing with queries on the phone and by email. Arranging post and deliveries	1	Medium	M.Saravanan B.Mohan Prasath H.Mohamad samsuel S.Harishram

Sprint Delivery Plan

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Maximum Marks	8 Marks

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: