Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID24449
Project Name	Fertilizer Recommendation System For Disease Predication
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	Data Collection	USN-1	User can login to website	20	High	A.Dinesh Shithik Varshan, H.Kishore, Y.Srikanth, R.Velmurugan, P S.Venkatesh
Sprint-2	Image pre-processing & Model building for fruit and vegetable diseases prediction	USN-2	After login, the user have motivation on green agriculture	20	High	A.Dinesh Shithik Varshan, H.Kishore, Y.Srikanth, R.Velmurugan, P S.Venkatesh
Sprint-3	Test both the model & train model on IBM	USN-3	We have option on whether going to Select fruit or vegetable leaves	20	High	A.Dinesh Shithik Varshan, H.Kishore, Y.Srikanth, R.Velmurugan,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						P S.Venkatesh
Sprint-4	Application building for project	USN-4	Upload image of affected plant leaves and Click predict button and result was shown which kind fertilizer is recommended	20	Medium	A.Dinesh Shithik Varshan, H.Kishore, Y.Srikanth, R.Velmurugan, P S.Venkatesh

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

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)

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