

Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID27393
Project Name	IoT Based Smart Crop Protection System for Agriculture
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	Preethi
Sprint-1	Confirmation	USN-2	As a user, I will receive a confirmation email once I have registered for the application	1	High	Paarvathi
Sprint-2	Confirmation via Facebook	USN-3	As a user, I can register for the application through Facebook	2	Low	Prasanthi
Sprint-1	Confirmation via Gmail	USN-4	As a user, I can register for the application through Gmail	2	Medium	Radha Prabhakaran
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Radha Prabhakaran

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	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Oct 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 Oct 2022

Velocity:

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

Burndown Chart:

