Sprint Delivery Plan

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

Date	22 October 2022
Team ID	PNT2022TMID16877
Project Name	Project - Smart Farmer IOT Enabled Smart Farming Application
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	Mobile/web user Registration	USN- 1	As a user I can register the application by entering my email, password so that feel good	10	High	Sudharshan s
Sprint- 1		USN-2	As a user I want confirmation mail for registration	10	Medium	Sushilkumar r
Sprint-2	Mobile/web user Login	USN-3	As a user I can login the application by entering my email and password so that am entering the application	10	High	Sudharshan s
Sprint-2		USN-4	As a user I can register the application by entering my phone number so can easily enter into the dashboard	10	Low	Sudharshan s
Sprint-3	Monitoring and controlling	USN-5	As a user I want smart application so that monitor the fields	2	High	Vinoth n
Sprint-3		USN-6	As a user I want to know the temperature level so that easily know irrigation timing	5	High	Sudharshan s
Sprint-3		USN-7	As a user I want to check the humidity so that helpful to put water	5	Low	Sudharshan s
Sprint-3		USN-8	As a user I wants smart application so that monitor anywhere at anytime	3	Low	Sushilkumar r
Sprint-3		USN-9	As a user I want motor control so that stop water wastage	5	High	Sushilkumar r

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Software connection	USN- 10	As a admin I want to satisfy their users so that connect & store in Ibm iot	5	Medium	
Sprint-4		USN- 11	As a admin I want to make software (node red, ibm Watson) connection so that simulate the values	5	Medium	
Sprint-4		USN- 12	As a admin I want to test the application so that know it's work or not	10	High	

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

Velocity:

Imagine we have a 06-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)

Average Velocity = Sprint Duration / Velocity =

20/6=3.3 BURNTDOWN CHART:

 A burn down 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.

Advanced Burndown Chart Dashboard Item for Jira