Project Planning Phase
(Sprint Delivery Plan)

Date	**18 October 2022**
Team ID	**PNT2022TMID39877**
Project Name	**Project – Smart Farmer - IoT Enabled Smart Farming Application**
Maximum Marks	**8 Marks**

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Simulator Creator	USN-1	Create a Platform and Connect All The Sensors	2	High	Kushal Darira
Sprint-2	Software	USN-2	Device Creation in IBM Watson IOT Platform, Workflow Of IOT Scenarios using Node-Red	2	High	Kushal Darira Balaji
Sprint-3	MIT App Inventor	USN-3	Creating Virtual Application for Smart Farmer App Using MIT App Inventor	2	High	Kushal Darira Kamesh
Sprint-3	Dashboard	USN-3	Design Modules and Test the App	2	High	Kushal Darira Hari Krishna
Sprint-4	Web UI	USN-4	To Make the User To Interact With The Software	2	High	Kushal Darira

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	30 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	6 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	Nov 2022

Velocity

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

AV For Sprint 1 = 12/6 = 2

AV For Sprint 2 = 6/6 = 1

AV For Sprint 3 = 6/6 = 1

AV For Sprint 4 = 6/6 = 1

Burndown Chart