

Project Planning Phase

Sprint Delivery Plan

Team Id	PNT2022TMID33440
Team Members	Sruthi.M, Ranjini.T, Safiya Sanofer.K, Shiva Sree.K
Title	Smart Farmer - IoT Enabled Smart Farming Application
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 Member
Sprint-1	Registration (Farmer Mobile User)	UNS-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sruthi M
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ranjini.T

Sprint-2	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	Safiya Sanofer.K
Sprint-1	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	Shiva Sree.K
Sprint-3	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	Sruthi.M
Sprint - 2	Login	USN - 2	As a registered user, I need to easily login log into my registered account via the web page in minimum time	3	High	Shiva Sree.K
Sprint - 4	Web UI	USN - 3	As a user, I need to have a friendly user interface to easily view and access the resources	3	Medium	Ranjini.T
Sprint - 1	Registration (Chemical Manufacturer - Web user)	USN - 1	As a new user, I want to first register using my organization email and create a password for the account.	2	High	Safiya Sanofer.K

Sprint - 4	Login	USN - 2	As a registered user, I need to easily log in using the registered account via the web page.	3	High	Sruthi.M
Sprint - 3	Web UI	USN - 3	As a user, I need to have a user friendly interface to easily view and access the resources.	3	Medium	Shiva Sree.K
Sprint - 1	Registration (Chemical Manufacturer - Mobile User)	USN - 1	As a user, I want to first register using my email and create a password for the account.	1	High	Ranjini.T
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	Safiya Sanofer.K

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	12	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	30 OCT 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	6 NOV 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	7 NOV 2022

Velocity:

Sprint 1

Average velocity : Sprint duration / velocity = $12/6 = 2$

Sprint 2

Average Velocity : Sprint duration / velocity = $6/6 = 1$

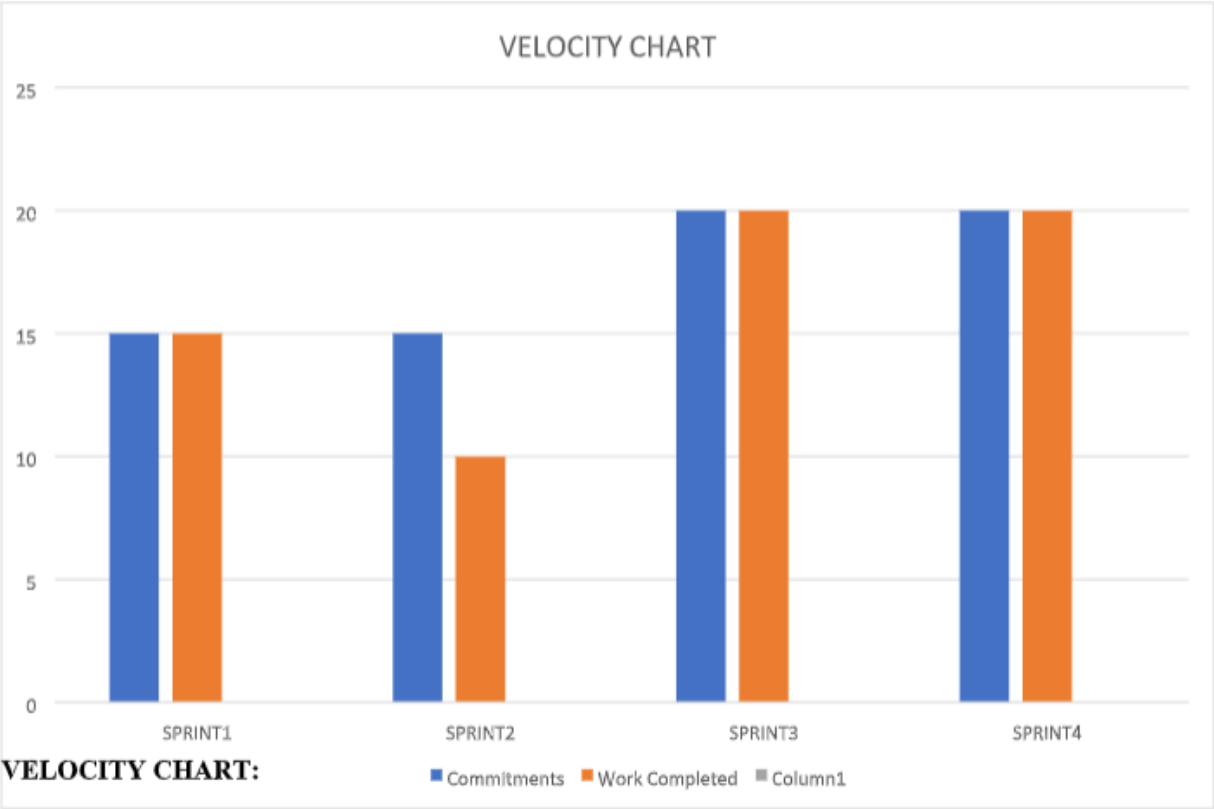
Sprint 3

Average Velocity : Sprint duration / velocity = $6/6 = 1$

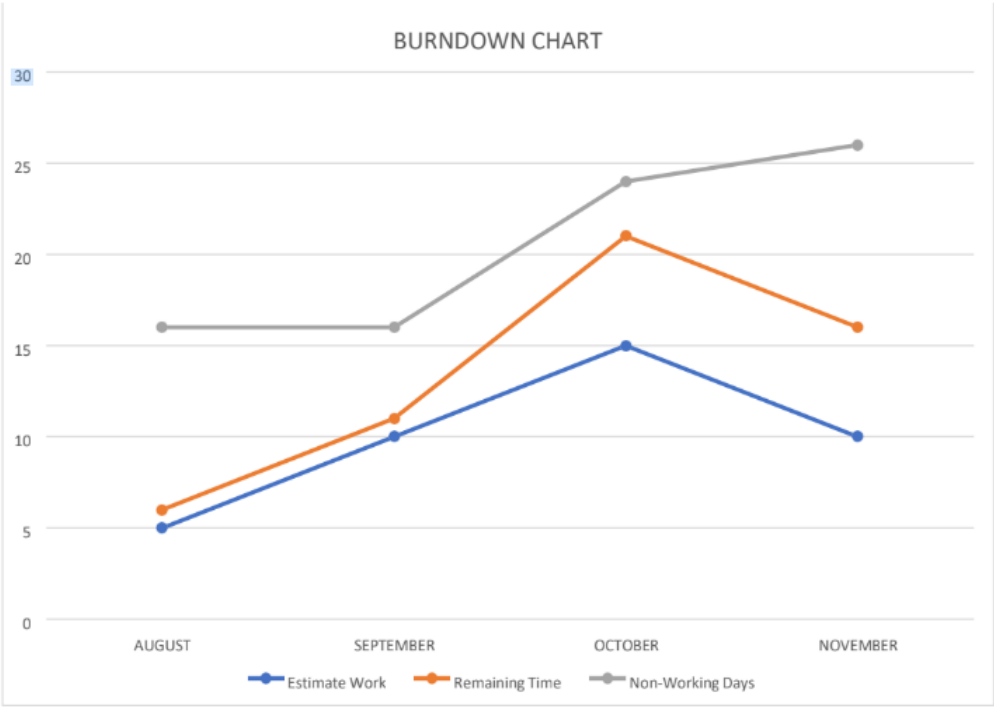
Sprint 4

Average velocity : Sprint duration / velocity = $6/6 = 1$

Velocity Chart



Burndown Chart:



RoadMap for Sprints from Jira Software

