Project Planning Phase

Date	01/11/2023
Team ID	Team-592631
Project Name	Detect smoke with the help of IOT data and trigger a fire alarm
Maximum Marks	8

Product Backlog, Sprint Schedule, and Estimation:

User Type	Functional Requirement	User Story Number	User Story/Task	Story Points	Priority	Release
Web User (Customer)	Dashboard	USN-1	As a user, I see introduction and information about the website, and a predict button which redirects to a new page to enter details.	1	Low	Sprint 3
		USN-2	As a user, I can enter the following details: Temperature, Humidity, Total Volatile Organic Compounds (TVOC),	2	Medium	Sprint 2
		USN-3	As a user, I see the result of the entered data that tells if there is a possibility of fire or not using the inbuilt ML model.	8	High	Sprint 1

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (on End date)	Sprint Release Date (Actual)
Sprint 1	20	14 days	22/10/2023	8/11/2023	20	5/11/2023
Sprint 2	10	6 days	6/11/2023	12/11/2023	20	10/11/2023
Sprint 3	10	6 days	11/11/2023	17/11/2023	20	13/11/2023

Velocity:

Sprint Duration: 26 days

$$AV = \frac{sprint\ duration}{velocity}$$

= 40/26= 1.54

Burndown Chart:

Burndown Chart