Project Planning Phase

Date	6 November 2022
Team ID	PNT2022TMID10968
Project Name	Industry specific intelligent fire management system
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	Registration	USN-1	As a user, I can register for application by entering my email password and confirming it.	5	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email& password	5	Medium	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-2	Post Job	USN-6	As a room temperature data controller, I log into my profile and start monitoring the room temperature	6	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T

Sprint-2	Job Search	USN-4	I receive all the information about room temperature from web from room temperature API. Whenever there is change in room temperature , corresponding updates are made on sign boards.	9	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-3	Apply	USN-5	As a data sender ,I will send the information to the fire station.	6	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-3	Send Confirmation	USN-7	With the data, updates I will tell them the room temperature.	4	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-4	Dashboard	USN-8	I will alert the employees and workers to escape from the fire management.	6	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-4	Recruiter Review	USN -9	As an administrator, I ensure that all departments work co-ordinates and ensure the accuracy and efficiency	3	High	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T
Sprint-4	Chat bot	USN-10	As a user, I can send my queries via mail	1	Low	ATCHAYA.B BHARATHE.G HEMA PRIYA.P JANANI.T

Project Tracker, Velocity & Burn down 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	15	7 Days	24 Oct 2022	31 Oct 2022	15	31 Oct 2022
Sprint-2	15	7 Days	1 Nov 2022	07 Nov 2022	15	07 Nov 2022
Sprint-3	10	6 Days	08 Nov 2022	13 Nov 2022	10	13 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	20 Nov 2022	10	20 Nov 2022

Velocity:

Sprint-1 and Sprint-2

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{15}{7} = 2.14$$

Sprint-3 and Sprint-4

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{10}{6} = 1.6$$