Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID53674
Project Name	Project – 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 the application by entering my email, password, and confirming my password.	2	High	VIJAYARAJ D(TEAM LEAD) VIGNESH V M VIGNESH M S YOGESH BALAJI G
Sprint-1	**User Confirmation**	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	
Sprint-1	**Login**	USN-3	As a user, I can register for the application through email and password	1	High	
Sprint-2	**Sensor**	USN-4	As a user, I can use it in Industries where the sensors can sense fire and smoke	2	High	
Sprint-2	**Actuators**	USN-5	As a user, I can implement the system where the sensors detect that may lead to extinguishing with the help of sprinklers.	2	High	
Sprint-3	**Cloud**	USN-6	All the dynamic values are stored using cloud database	2	High	
Sprint-4	**Siren**	USN-7	If the fire is detected, users are said to be evacuated by intimation of Siren/Buzzer	2	High	
Sprint-4	**Event management**	USN-8	Notifications are sent immediately to the Concerned departments like Fire Department, Proprietor, etc.	2	High	

Project Tracker, Velocity & Burndown Chart: (4 Marks)

PROJECT TRACKER:

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

VELLOCITY:

Imagine we have a 10-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)

SPRINT-1

Sprint duration = 6 Days

Velocity Of team = 20

Points

Average Velocity (AV) =Velocity / Sprint Duration

AV = 20/6 = 3.333

Average Velocity = 3.33

SPRINT : 1-4

Sprint duration = 24 Days
Velocity Of team = 80
Points

Average Velocity (AV) =Velocity / Sprint Duration

AV = 80/24 = 3.333

Average Velocity = 3.33

BURNDOWN 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.