Project Planning Phase

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

Team ID	PNT2022TMID53790
Project Name	Project – Industry Specific Intelligent Fire Management System
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Members
Sprint-1	Assembling	USN-1	As a user, I must place the sensors in the appropriate locations.	I have access to my sensor triggers	High	VARSHINI.G, SNEKA.S, SURYA.K, SARAVANA KUMAR.P
Sprint-1		USN-2	As a user, I need to pilot run my hardware to check if it is functioning properly	I can monitor all the sensor values in the serial monitor	High	VARSHINI.G, SNEKA.S, SURYA.K, SARAVANA KUMAR.P
Sprint-2	User Registration	USN-3	As a user, I can create user accounts for the required software incorporated in the model	I can register & access the dashboard with user Login	Medium	VARSHINI.G, SNEKA.S, SURYA.K, SARAVANA KUMAR.P
Sprint-1		USN-4	As a user, I can check for the proper delivery of alerts and SMS	I can verify the alerts via Fast2SMS	High	VARSHINI.G, SNEKA.S, SURYA.K, SARAVANA KUMAR.P
Sprint-1	Cloud Monitoring	USN-5	As a user, I can monitor the storage of data in	I can	High	VARSHINI.G,

			IBM Cloudant.	continuously monitor and access the sensor data		SNEKA.S, SURYA.K, SARAVANA KUMAR.P

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	28 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	03 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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts