

Project Planning Phase

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

Team ID	PNT2022TMID12796
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, you can register in the application by entering your email address, password, and confirming the password.	2	High	Mukesh Kumar A
Sprint-2	Registration	USN-2	As a user, you will receive a confirmation email after registering in the application.	3	Medium	Vigneshwar R
Sprint-3	Registration	USN-3	As a user, you can register in the application via Facebook	1	Low	Subaash G

Sprint-2	Registration	USN-4	As a user, you can register in the application via Gmail.	1	High	Vigneshwar R
Sprint-4	Login	USN-5	As a user, you can login to the application by entering your email and password.	5	High	Jayanthan C
Sprint-1	Dashboard	USN-6	As a user, you can receive notifications.	1	Medium	Subaash G
Sprint-3	Testing & Deployment Phase-I	USN-7	System performance testing. Use for emergencies.	8	High	Mukesh kumar A
Sprint-3	Testing & Deployment Phase-I	USN-8	Make sure the system detects fire and gas correctly. Additionally, the user will be notified.	2	High	Vigneshwar R
Sprint-1	Deployment Phase-II & Model Improvement	USN-9	By providing an IOT-based industry-specific fire control system, the system can be checked and used 24/7.	1	Low	Mukesh kumar A
Sprint-2	Verification	USN-10	Administrators have full visibility of submitted applications.	5	High	Subaash G
Sprint-3	Approval	USN-11	After completion, the customer will be provided with new bank access data.	2	High	Jayanthan C

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	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

Velocity:

The team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = 20/6 = 3.34$$