

## 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

▼ ISIFMS Sprint 1 24 Oct - 13 Nov (3 issues) Complete sprint ...

Issue ID	Description	Label	Progress	Status	Actions
ISIFMS-5	As a user, I can register for the application by entering my email, password, and confirming my password.	REGISTRATION	2	DONE	
ISIFMS-6	As a user, I can get the notification alert.	DASHBOARD	1	IN PROGRESS	
ISIFMS-7	Deployment of IOT based Industrial specific fire management system, I can see and use the system 24*7.	DEPLOYMENT PHASE-2 & MOOD L...	1	IN PROGRESS	...

+ Create issue

**ISIFMS Sprint 2** Add dates (2 issues) Start sprint ...

ISIFMS-8 As a user, I will receive confirmation email once I have registered for the application.	REGISTRATION	3 IN PROGRESS	J
ISIFMS-10 Administrator can completely verify the submitted application.	VERIFICATION	5 IN PROGRESS	A

+ Create issue

<b>ISIFMS Sprint 3</b>		Add dates	(4 issues)	Start sprint	...
1	ISIFMS-11 As a user, I can register for the application through Facebook.	REGISTRATION	1	IN PROGRESS	1
2	ISIFMS-12 Testing the system performance. For an emergency case, it is deployed.	TESTING & DEPLOYMENT PHASE-1	8	IN PROGRESS	2
3	ISIFMS-13 Checking whether the system correctly detects the fire and gas. Also, it will give the alert to the user.	TESTING & DEPLOYMENT PHASE-1	2	IN PROGRESS	3
4	ISIFMS-14 After completion, new banking credentials are provided to the customers.	APPROVAL	2	IN PROGRESS	4
+ Create Issue					

[+ Create Issue](#)

[Start sprint](#)

**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)

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

**Burndown Chart:**

## Sprint burndown chart

[How to read this report](#)

Sprint

Estimation field

ISIFMS Sprint 1

Story points

...

**Date** - October 24th, 2022 - November 13th, 2022

