# **Project Planning Phase**

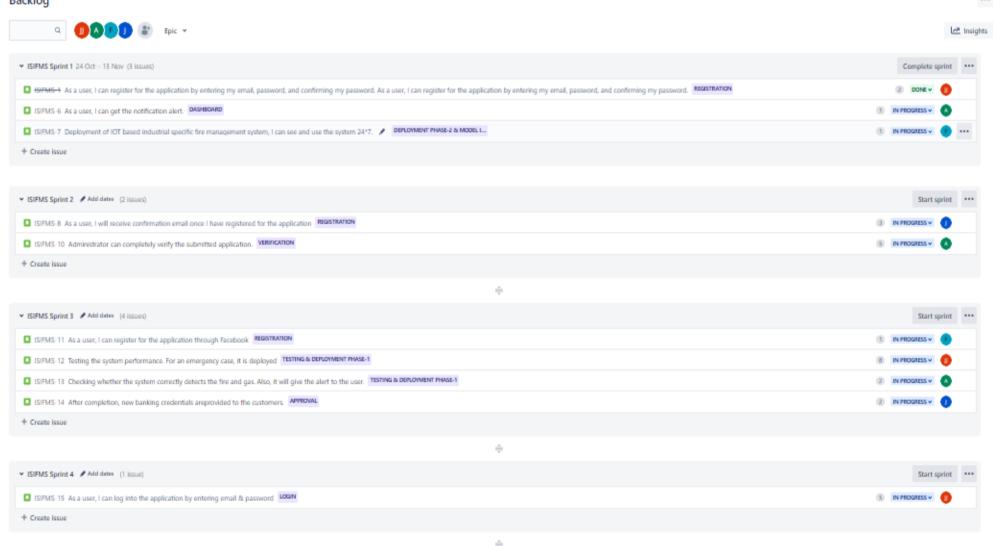
### **Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

Team ID	PNT2022TMID41386
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	/ Task Story Points		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	Bharathi K
Sprint-2	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Ayisha A
Sprint-3	Registration	USN-3	As a user, I can register for the application through Facebook	1	Low	Anitha Sri M

Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail	1 High		Divya M
Sprint-4	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Bharathi K
Sprint-1	Dashboard	USN-6	As a user, I can get the notification alert.	1	Medium	Ayisha A
Sprint-3	Testing & Deployment Phase-I	USN-7	Testing the system performance. For an emergency case, it is deployed.	8 High		Anitha Sri M
Sprint-3	Testing & Deployment Phase-I	USN-8	Checking whether the system correctly detects the fire and gas. Also, it will give the alert to the user.	2	High	Divya M
Sprint-1	Deployment Phase-II & Model Improvement	USN-9	Deployment of IOT based industrial specific fire management system, I can see and use the system 24*7.	1	Low	Bharathi K
Sprint-2	Verification	USN-10	Administrator can completely verify the submitted application.	5	High	Ayisha A
Sprint-3	Approval	USN-11	After completion, new banking credentials are provided to the customers.	2	High	Anitha Sri M



#### **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	15 Oct 2022	19 Oct 2022	20	19 Oct 2022
Sprint-2	20	6 Days	20 Oct 2022	25 oct 2022	20	25 oct 2022
Sprint-3	20	6 Days	5 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	5 Nov 2022	10 Nov 2022	20	10 Nov 2022

#### **Velocity:**

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

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

**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

