Project Planning Phase

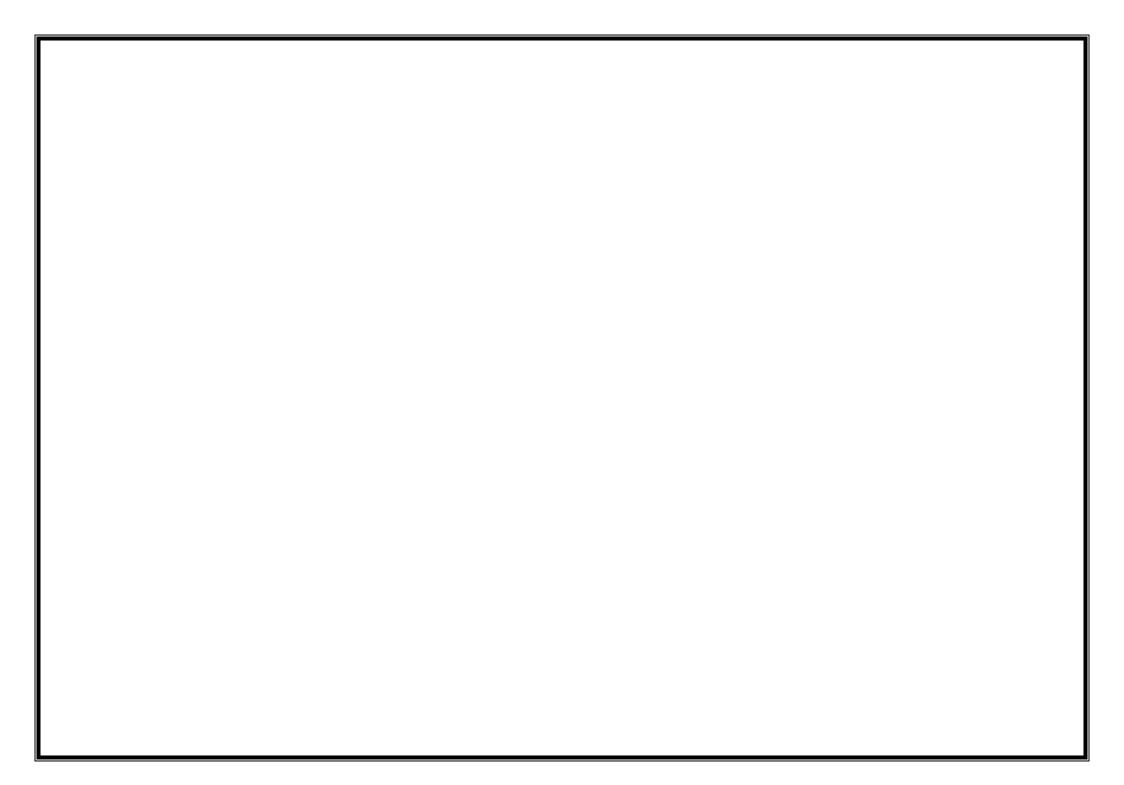## Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

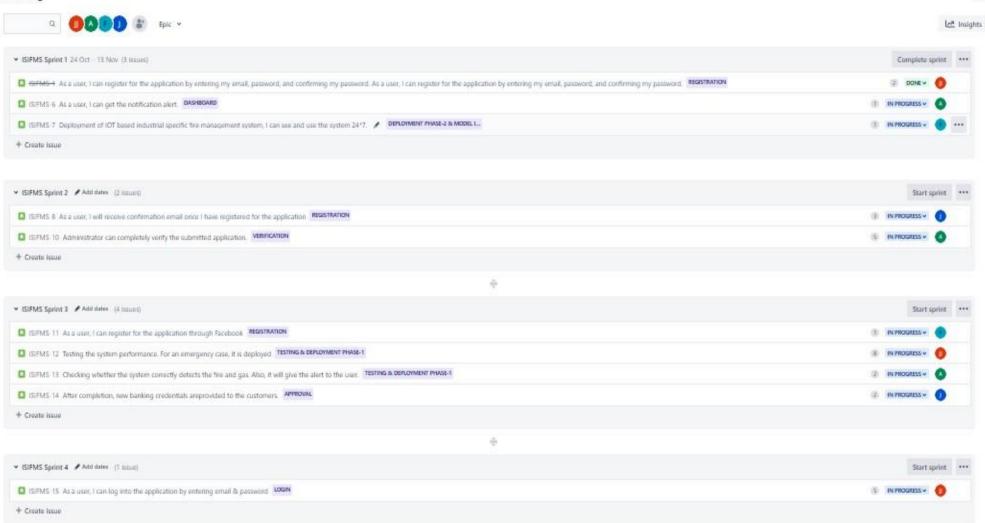| Team ID	**PNT2022TMID49436**
Project Name	Industry - Specific Intelligent Fire Management System
Maximum Marks	8 Marks

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, I can register for the application by entering my email, password, and confirming my password.	2	High	Shanthosh D
Sprint-2	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Mohamed Shajith S
Sprint-3	Registration	USN-3	As a user, I can register for the application through Facebook	1	Low	RajaRishi A

Sprint						
Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail	1	High	Shanthosh D
Sprint-4	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	Shanthosh D
Sprint-1	Dashboard	USN-6	As a user, I can get the notification alert.	1	Medium	Saranesh R
Sprint-3	Testing & Deployment Phase-I	USN-7	Testing the system performance. For an emergency case, it is deployed.	8	High	Shanthosh D
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	Saranesh R
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	RajaRishi A
Sprint-2	Verification	USN-10	Administrator can completely verify the submitted application.	5	High	Saranesh R
Sprint-3	Approval	USN-11	After completion, new banking credentials areprovided to the customers.	2	High	Mohamed Shajith S

Backlog ...

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

🟩	~~ISIFMS-1~~ As a user, I can register for the application by entering my email, password, and confirming my password. 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 & MODEL I...	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 ∨ 🔵 |
| 🟩 | ISIFMS-10 Administrator can completely verify the submitted application. VERIFICATION | 5 IN PROGRESS ∨ 🟢 |

+ Create issue

∨ ISIFMS Sprint 3 ✏️ Add dates (4 issues) — Start sprint ...

🟩	ISIFMS-11 As a user, I can register for the application through Facebook REGISTRATION	1 IN PROGRESS ∨ 🔵
🟩	ISIFMS-12 Testing the system performance. For an emergency case, it is deployed TESTING & DEPLOYMENT PHASE-1	8 IN PROGRESS ∨ 🔴
🟩	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 ∨ 🟢
🟩	ISIFMS-14 After completion, new banking credentials areprovided to the customers. APPROVAL	2 IN PROGRESS ∨ 🔵

+ Create issue

∨ ISIFMS Sprint 4 ✏️ Add dates (1 issue) — Start sprint ...

| 🟩 | ISIFMS-15 As a user, I can log into the application by entering email & password LOGIN | 5 IN PROGRESS ∨ 🔴 |

+ Create issue

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)

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

Burndown Chart:

Sprint burndown chart

Sprint

| ISIFMS Sprint 1 | ⌄ |

Estimation field

| Story points | ⌄ |

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

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate