Project Planning Phase

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

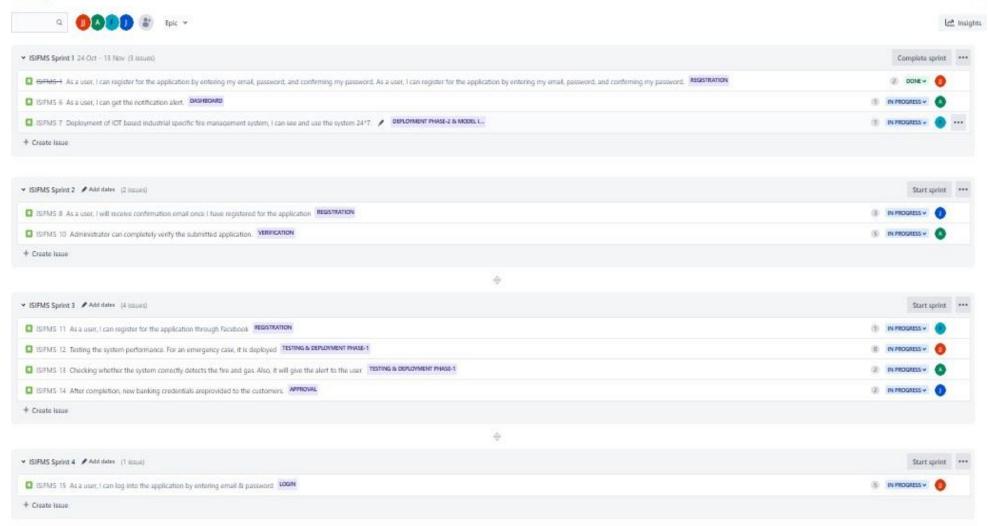| Team ID	**PNT2022TMID09807**
Project Name	Industry - Specific Intelligent Fire Management System
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	Registration	USN-1	As a user, I can register for the applicationby entering my email, password, and confirming my password.	2	High
Sprint-2	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium
Sprint-3	Registration	USN-3	As a user, I can register for the application	1	Low

			through Facebook		

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

Backlog ···

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⌄ ISIFMS Sprint 1 24 Oct - 13 Nov (3 issues)   Complete sprint ···

🟩 ~~ISIFMS 4~~ 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 ⌄ 🔵 ···

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⌄ 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 ⌄ 🟢 |

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⌄ 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 ⌄ 🔴 |

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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