**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID37462 |
| Project Name | Industry Specific Intelligent Fire Management System |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-1 | Login | USN-1 | As a customer , I might ensure login credential through gmail ease manner for the purpose of sending alert message to the owner. | 2 | High | Gayathri |
| Sprint-1 | Registration | USN-2 | As a user , I have to registered my details and tools details in a simple and easy manner in case of fire incident, this registered system sends notification to the industrialist. | 2 | High | Akalya |
| Sprint-2 | Dashboard | USN-3 | As a user, In case of Fire in the industry I need the sprinkler to spray water on the existing fire automatically. | 2 | Low | Ganga |
| Sprint-1 | Dashboard | USN-4 | As a user , I need to safeguard my properties as well as and it will be better to send alert message to the fire department. | 2 | Medium | Ishwarya |
| Sprint-1 | Dashboard | USN-5 | As a user , Its good to have a IOT based system to extinguish the fire without human presence. | 2 | High | Gayathri |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Points** | **Story** | **Duration** | **Sprint Start Date** | **Sprint End (Planned)** | **Date** | **Story Points**  **Completed (as on**  **Planned End**  **Date)** | **Sprint Release (Actual)** | **Date** |
| 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:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity

(AV) per iteration unit (story points per day)



0

2

4

6

8

10

12

14

day 1

day 2

day 3

day 4

day 5

**BURNDOWN CHART**