Project Planning Phase

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

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| --- | --- |
| Date | October 2022 |
| Team id | PNT2022TMID31383 |
| Project | Industry-specific intelligent fire management system |

# 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 be able to ensure login credential through Gmail ease manner for the purpose of sending alert message to the owner... | 2 | High | SUGANSHAKTHI S |
| Sprint-2 | Registration | USN-2 | As a user, I have to register my details and tools details in a simple and easy manner in case of a fire. | 2 | High | SUBASH E |
| Sprint-3 | Dashboard | USN-3 | As a user, in case of Fire in the industry I need the sprinkler to spray water on the fire automatically. | 2 | Low | THANUSH P |
| Sprint-3 | 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 | YUKENDRIAN J |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-4 | Dashboard | USN-5 | As a user , Its good to have a IOT based system to extinguish the fire without human presence. | 2 | High | Thanush, sub ash |

# 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)

