**Project Planning Phase**

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

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| --- | --- |
| Date | 30 October 2022 |
| Team ID | PNT2022TMID37952 |
| Project Name | Project - IOT based safety gadget for child safety monitoring and notification |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-1 | Registration | USN-1 | As a Parent/Guardian,I can register for the application by entering my email, password, and confirming my password. | 2 | High | Madhuvanthhi S |
| Sprint-1 |  | USN-2 | As a Parent/ Guardian, I can register for the application through Gmail | 1 | Medium | Glany rose P |
| rohithSprint-1 | User Confirmation | USN-3 | As a parent I will receive connection , location in sms / mail once I have entered this application | 1 | High | Pooja V |
| Sprint-1 | Login | USN-4 | As a parent/ guardian , I can log into the application by entering mail and password. | 2 | High | Sangeetha R |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 4 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 28 Oct 2022 | 05 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-3 | 20 | 8 Days | 02 Nov 2022 | 12 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 9 Days | 10 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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**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)

