# SPRINT DELIVERY PLAN

## Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

| | |
|---|---|
| **Date** | 06-11-2022 |
| **Team ID** | PNT2022TMID38126 |
| **Project Name** | IoT based safety gadget for child safety monitoring and notifications. |
| **Maximum Marks** | 8 Marks |
| **Name** | Vaishnavi.M, Saveetha.S |

**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 | Login | USN-1 | As a customer, I might ensure login credential through gmail ease manner for the purpose of sending alert message to the parents or guardians (or) informing through normal message. | 2 | High | Jayashree, Vaishnavi |
| Sprint-1 | Registration | USN-2 | As a user, I have to registered my details and tools details in a simple and easy manner by considering the safety of child, this | 2 | High | Sathvika , Saveetha |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | registered system sends notification to the parents. | | | |
| Sprint-2 | Dashboard | USN-3 | As a user,<br>In case of any emergency situation parents(I) must get the alert notification and location of the child. | 3 | Medium | Vaishnavi, Sathvika |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Dashboard | USN-4 | As a user,<br>I(parent) need to safeguard child and tracking the child's location and it is important to notify near police station incase of more emergency . | 2 | High | Jayashree, Saveetha |
| Sprint-3 | Dashboard | USN-5 | As a user,<br>Its good to have a IOT based system to safeguard monitoring without presence of parent. | 2 | High | Jayashree, Vaishnavi |
| Sprint -4 | Monitoring the environment | USN 1 | User can monitor the situation of the environment from a dashboard that displays sensor information about the environment and child health. | 2 | High | Jayashree, Vaishnavi, Saveetha, Sathvika |
| Sprint- 4 | Event Notification | USN 6 | Sending an alert SMS to the parents and guardians in case of panic situation. | 2 | High | Jayashree, Vaishnavi |

**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 | 4 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 4 | 06 Nov 2022 |
| **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-2 | 3 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 3 | 09 Nov 2022 |
| Sprint-3 | 4 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 4 | 11 Nov 2022 |
| Sprint-4 | 4 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 4 | 19 Nov 2022 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 15 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$AV$**=6.6**