Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 20 October 2022 |
| Team ID | PNT2022TMID11093 |
| Project Name | Project- IoT Based Safety Gadget for Child  Safety Monitoring & Notification |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

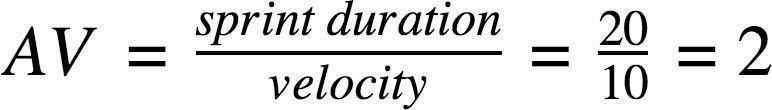
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | User Registration | USN-1 | Registration through website Registration through app | 2 | High | K SRI RANJANI |
| Sprint-1 | User Confirmation | USN-2 | Confirmation via Email Confirmation via OTP | 1 | High | P.R. SOWNDHARIYA |
| Sprint-2 | User login | USN-3 | Setting up User Id and password | 2 | Low | S UTHRA |
| Sprint-2 | App permission | USN-4 | Grant the permission for the app to access location, contact etc.. | 2 | Medium | E SWARNA |
| Sprint-3 | Interface with the Device | USN-5 | Connecting the device with the registered app with the device ID. | 1 | High | K SRI RANJANI  P.R. SOWNDHARIYA |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Setting Geo-location | USN-6 | Creating the Geo-location area in the map | 2 | Low | S UTHRA |
| Sprint-4 | Database | USN-7 | Location history is stored in the cloud Can be accessed from the dashboard. | 2 | High | E SWARNA |
| Sprint-4 | Tracking location | USN-8 | Tracking the location through app. Tracking the location through website. | 2 | High | K SRI RANJANI |

# 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 | 05 Nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 08 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 14 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)

**BURN DOWN CHART :**

