Project Planning Phase

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

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID12665 |
| Project Name | Project - IOT based safety gadgets for child safety monitoring and notification. |
| Maximum Marks | 8 Marks |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User**  **Story Number** | **User Story / Task** | **Story Point** | **Priority** | **Team Members** |
| Sprint-1 | Gadget Registration | USN-1 | As a user, I can register for the child safety by entering my email, password, and confirming my password. | 1 | Low | Akshayapriya B.S |
| Sprint-1 |  | USN-2 | As a user, I will receive  confirmation email once I have registered for the device. | 3 | High | Akshayapriya B.S |
| Sprint-2 |  | USN-3 | As a user, I can register for the  taking care of child tracking location. | 4 | High | Dhanapriya R |
| Sprint-2 | Login By user | USN-4 | As a user, I can log into the application by entering mobile no  & password | 3 | High | Dhanapriya R |
| Sprint-3 |  | USN-5 | As a user, I can log into the application by entering email &  password. | 2 | Medium | Somnath Gorai P |
| Sprint-3 | Dashboard | USN-6 | As a user, I can track the child if the child is missing through the device | 4 | High | Somnath Gorai P |
| Sprint-4 | Alerts | USN-7 | The user can get lots of  notification options, GPS tracker, alarm in  case of emergency. | 3 | High | Sowmisankari M |

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 | 4 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 4 | 29 Oct 2022 |
| Sprint-2 | 7 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 7 | 05 Nov 2022 |
| Sprint-3 | 6 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 6 | 12 Nov 2022 |
| Sprint-4 | 3 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 3 | 19 Nov 2022 |