# Project Planning Phase-Sprint Delivery Plan.

| Date | 31 October 2022 |
|---|---|
| Team ID | PNT2022TMID29469 |
| Project Name | Project – IOT-Based Safety Gadget for ChildSafety Monitoring and Notification |
| Maximum Marks | 8 Marks |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority |
|---|---|---|---|---|---|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application byentering my email, and password, and confirming my password. | 4 | High |
| Sprint-1 | Confirmation Email | USN-2 | As a user, I will receive a confirmation email once I have registered for the application | 4 | High |
| Sprint-1 | Authentication | USN-3 | As a user, I can register for the application through Gmail and mobile app. | 4 | Medium |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 4 | High |
| Sprint-1 | Dashboard | USN-5 | As a user, I need to be able to view the functions that I can perform | 4 | High |
| Sprint-2 | Notification | USN-1 | As a user, I should be able to notify my parent and guardian in emergency situations | 10 | High |
| Sprint-2 | Store data | USN-2 | As a user, I need to continuously store my location data into the database. | 10 | Medium |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority |
|---|---|---|---|---|---|
| Sprint-3 | Communication | USN-3,1 | I should be able to communicate with my parents | 6 | Low |

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|---|---|---|---|---|---|
| Sprint-3 | IoT Device – Watson communication | USN-1,4 | The data from IoT device should reach IBM Cloud | 7 | Medium |
| Sprint-3 | Node RED-CloudantDB communication | USN-5,2 | The data stored in IBM Cloud should beproperly integrated with Cloudant DB | 7 | High |
| Sprint-4 | User – WebUI interface | USN-1,4 | The Web UI should get inputs from the user | 6 | High |
| Sprint-4 | Geofencing | USN-2,3,5 | The geofencing of the child should be donebased on the geographical coordinates | 7 | High |