

Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID14208 |
| Project Name | IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION |
| Maximum Marks | 4 Marks |

USER STORIES :

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-------------------------------------|-------------------------------|-------------------|---|--|----------|----------|
| Customer (Mobile user and web user) | Registration | USN-1 | I can sign up for the application as a user by providing my email address, a password, and a password confirmation. | I have access to my account and dashboard. | High | Sprint-1 |
| | | USN-2 | When I register for the application as a user, I will get a confirmation email. | I can receive a confirmation email and click the confirm button. | High | Sprint-1 |
| | | USN-3 | As a user, I can sign up for the app using Facebook. | I may register and access the dashboard using my Facebook account. | High | Sprint-2 |

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|-------------------------|-------|-------|---|--|--------|-----------|
| | Login | USN-4 | As a user, I can sign up for the application using Gmail. | | High | Sprint-1 |
| Customer Care Executive | Login | | As I enter, I can see how the programme works, search for bugs, monitor the operation, and see if all users are authorised. | I can only log in with the credentials I provided. | Medium | Sprint- 3 |
| Administrator | Login | | Maintaining and ensuring that the database containing the locations is secure, accurate, and constantly updated. | I can only log in with the credentials I provided. | High | Sprint- 3 |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a classic visual representation of a system's information flows. A tidy and clear DFD can graphically display the appropriate quantity of system need. It demonstrates how data enters and exits the system, what alters the data, and where data is stored.

Data Flow Diagram

