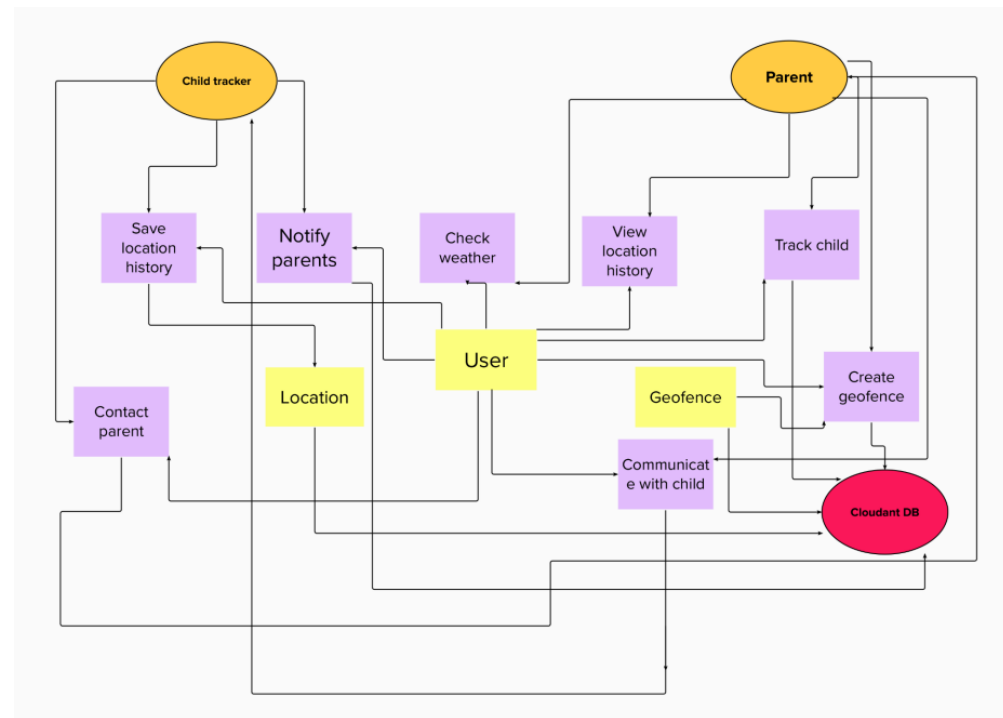


Project Design Phase-II

Data Flow Diagram & User Stories

| | |
|---------------|---|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID41316 |
| Project Name | Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification |
| Maximum Marks | 4 Marks |

Data Flow Diagram



User Stories

| | | | | | | |
|--------|---------------|-------|---|--|--------|----------|
| Parent | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
| | | USN-3 | As a user, I can register for the application through Gmail | | Medium | Sprint-1 |
| | Login | USN-4 | As a user, I can log into the application by entering email & password | | High | Sprint-1 |
| | Dashboard | USN-5 | As a user, I need to be able to view the functions that I can perform | | High | Sprint-1 |
| Child | Notification | USN-1 | As a user, I should be able to notify my parent in emergency situations | | High | Sprint-2 |
| | Store data | USN-2 | As a user, I need to continuously store my location data into the db. | | Medium | Sprint-2 |
| | Communication | USN-3 | I should be able to communicate with my parents | | Low | Sprint-3 |