

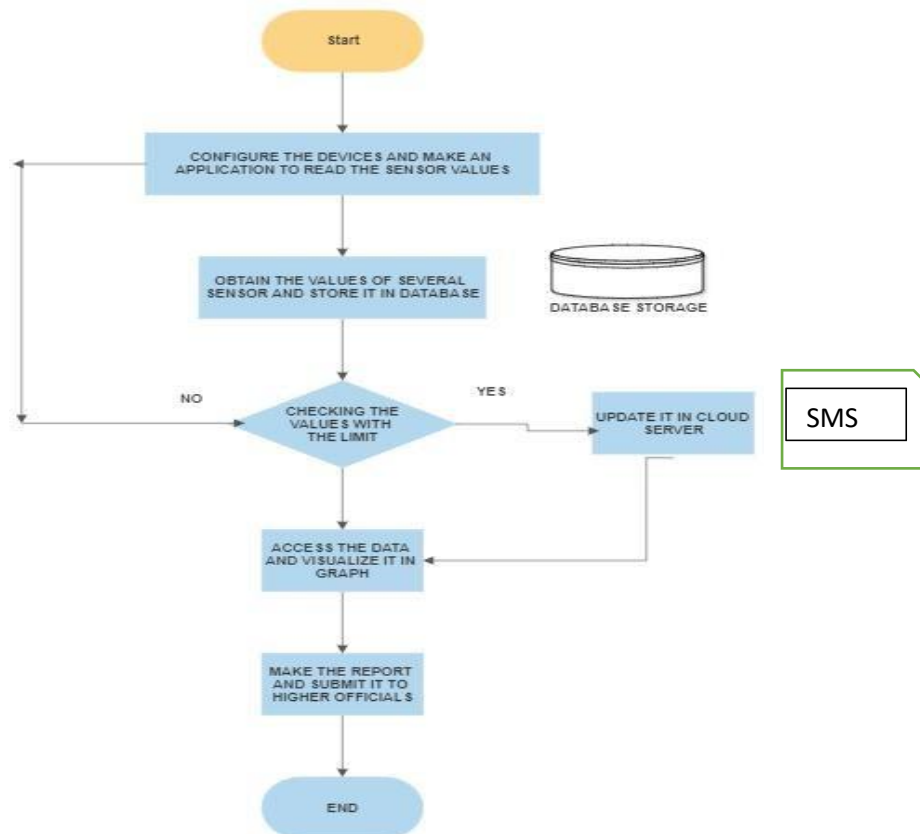
Project Design Phase-II

Data Flow Diagram & User Stories

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|---------------|---|
| Date | 07 October 2022 |
| Team ID | PNT2022TMID20521 |
| Project Name | REAL TIME WATER QUALITY MONITORING AND CONTROL SYSTEM |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-------------------------|-------------------------------|-------------------|---|---|----------|----------|
| Customer (Mobile user) | 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 Google | I can register & access the dashboard with Google Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through G mail | I can access through Gmail | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | Login Details are received to me. | High | Sprint-1 |
| | Interface | USN-6 | As a user, I can log into the application by entering email & password. | Easy Access application | High | Sprint-1 |
| Customer (Web user) | Dashboard | WUSN-7 | As a web User, I can get all information (data)(Temp etc..) | I can easily Understand how to use it. | High | Sprint-1 |
| Customer Care Executive | View Perspective | CCE | As a Customer care, I can view the data in graph plots | Easy Understanding of Graphs | High | Sprint-1 |
| Administrator | Risk factor | ADMIN-1 | As a Admin, Update must be done at each step and take care of any errors | Heavy Monitoring is Required. | High | Sprint-2 |