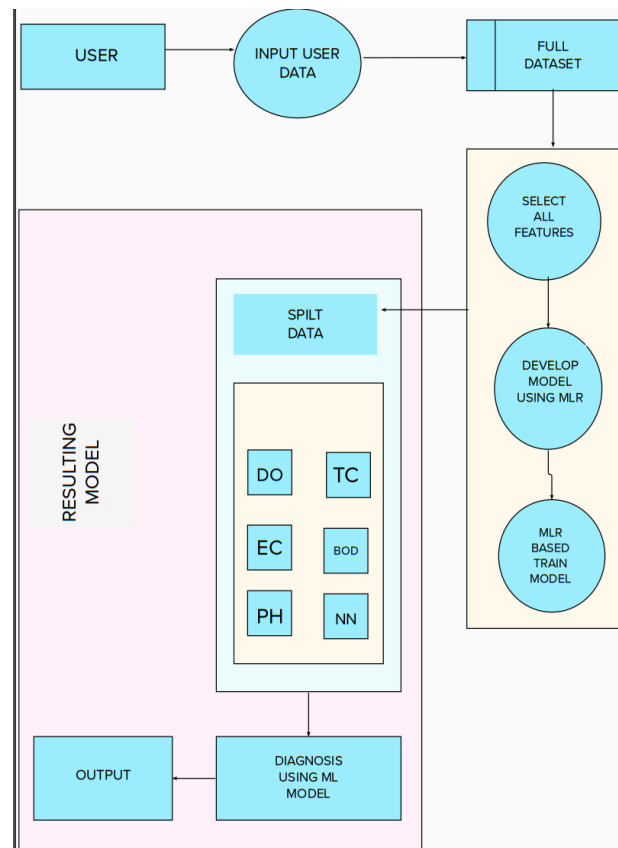


Project Design Phase-II

Data Flow Diagram & User Stories

| | |
|---------------|--|
| Date | 15 October 2022 |
| Team ID | PNT2022TMID25561 |
| Project Name | Efficient Water Quality Analysis and Prediction Using Machine Learning |
| Maximum Marks | 4 Marks |

DATAFLOW DIAGRAM



USER STORIES

| 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 through website | I can register and access the account with website | High | Sprint-1 |
| | | USN-4 | As a user, I can register for the application through Gmail | I can register and access the gmail | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can successfully login into application | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can access the dashboard | I can referred dashboard for certainty | Medium | Sprint-1 |
| Customer (Ordinary people, Industry) | Analysis the water quality | USN-7 | As a user, I can access the water quality analysis in all over india | I can predict the water quality earlier | High | Sprint-1 |
| Customer Care Executive | Customer queries | USN-8 | As a user ,I can register the complaint in website | I can get immediate solution | High | Sprint-1 |
| Administrator | Getting value | USN-9 | when there is a issues in getting analysed value | through administrator getting predicted value | Low | Sprint-2 |