**Project Design Phase-II**

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| **Date** | **18 October 2022** |
| **Team ID** | **PNT2022TMID11378** |
| **Project Name** | **Efficient water quality analysis and prediction using machine learning** |
| **Maximum marks** | **4 marks** |

**Data Flow Diagram & User Stories**

**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.

Problem identification

Data modelling

Prediction (WQI)

Data selection

Data extraction

Model optimization

Model evaluation

Correlation analysis

Classification(WQC)