PROJECT FLOW

Team id	PNT2022TMID38102
Project title	Efficient Water Quality analysis and prediction using machine learning

- ❖ User interacts with the UI (User Interface) to enter Data
- ❖ The entered data is analyzed by the model which is integrated
- ❖ Once model analyses the input the prediction is showcased on the UI

To accomplish this, we have to complete all the activities and tasks listed below

- Data Collection
    Collect the dataset or Create the dataset
- Data Preprocessing.
    - o Import the Libraries.
    - o Importing the dataset.
    - o Checking for Null Values.
    - o Data Visualization.
    - o Taking care of Missing Data.
    - o Label encoding.
    - o One Hot Encoding.
    - o Feature Scaling.
    - o Splitting Data into Train and Test.
- Model Building
    - o Training and testing the model
    - o Evaluation of Model
- Application Building
    - o Create an HTML file
    - o Build a Python Code