PROJECT FLOW

Team ID	PNT2022TMID16005
Project Name	Efficient Water Quality Detection 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.
    - ○ Import the Libraries. ○ Importing the dataset. ○ Checking for Null Values.
    - ○ Data Visualization.
    - ○ Taking care of Missing Data. ○ Label encoding. ○ One Hot Encoding. ○ Feature Scaling.
    - ○ Splitting Data into Train and Test.
- Model Building ○ Training and testing the model ○ Evaluation of Model
- Application Building ○ Create an HTML file ○ Build a Python Code