

Project Planning Phase

Date	30 October 2022
Team ID	PNT2022TMID32824
Project Name	Efficient water quality analysis and prediction using machine learning
Maximum Marks	8 Marks

Milestones and Activity List

Sno	Milestones	Activities	Team
1	Data Collection	Download the Dataset	Abimanyu T, Naveen T, Jai Krishna N , Harish R , Amresh K
2	Data Preprocessing	Importing the Libraries	Naveen T, Abimanyu T
3	Data Preprocessing	Reading the Dataset	Naveen T, Jai Krishna N Amresh K
4	Data Preprocessing	Analyse the Data	Naveen T , Abimanyu T
5	Data Preprocessing	Handling the missing values	Harish R , Amresh K
6	Data Preprocessing	Water Quality Index (WQI) Calculation	Naveen T , Jai Krishna N , Amresh K
7	Data Preprocessing	Data Visualization	Amresh K , Abimanyu T
8	Data Preprocessing	Splitting Dependent and Independent Columns	Naveen T , Abimanyu T
9	Data Preprocessing	Splitting the Data into Training and Testing	Harish R , Amresh K
10	Model Evaluation	Model Evaluation	Jai Krishna N , Harish R

11	Model Evaluation	Save the Model	Jai Krishna N , Harish R
12	Application Building	Build the HTML code	Abimanyu T , Harish R
13	Application Building	Build the Python code	Jai Krishna N , Harish R, Naveen T
14	Application Building	Run Flask App	Naveen T , Jai Krishna N
15	Train the model on IBM	Register For IBM Cloud	Abimanyu T, Naveen T, Jai Krishna N , Harish R , Amresh K
16	Train the model on IBM	Train the ML Model on IBM	Naveen T , Jai Krishna N, Abimanyu T
17	Train the model on IBM	Integrate Flask with Scoring Endpoint.	Abimanyu T, Jai Krishna N