PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID39608
PROJECT TITLE	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING

Milestones and Activity List:

S.NO	MILESTONES	ACTIVITIES	TEAM
1.	DATA COLLECTION	Download the Dataset	Sudharsan S Siddharth N.
2.	DATA PREPROCESSING	Importing the Libraries	Sudharsan S Siddharth N.
3.	DATA PREPROCESSING	Reading the Dataset	Suhail F Vignesh M.
4.	DATA PREPROCESSING	Analyse the Data	Suhail F Vignesh M.
5.	DATA PREPROCESSING	Handling the Missing Values	Siddharth N Vignesh M.
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Sudharsan S Suhail F.
7.	DATA PREPROCESSING	Data Visualisation	Sudharsan S Siddharth N
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Sudharsan S Vignesh M.
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Siddharth N Suhail F.
10.	MODEL EVALUATION	Model Evaluation	Sudharsan S Vignesh M.
11.	MODEL EVALUATION	Save the Model	Siddharth N Suhail F.
12.	APPLICATION BUILDING	Build the HTML code.	Sudharsan S Siddharth N Suhail F Vignesh M.

13.	APPLICATION BUILDING	Build the Python code	Sudharsan S Siddharth N Suhail F Vignesh M.
14.	APPLICATION BUILDING	Run Flask App	Sudharsan S Siddharth N Suhail F Vignesh M.
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Sudharsan S Siddharth N Suhail F Vignesh M.
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Sudharsan S Siddharth N
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Suhail F Vignesh M.