PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID53347
PROJECT TITLE	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING
TEAM LEADER	Keerthirajan S
TEAM MEMBERS	Manoj Kumar M, Minu S, Nihil Rengasamy T

Milestones and Activity List:

S.NO	MILESTONES	ACTIVITIES	TEAM
1.	DATA COLLECTION	Download the Dataset	Nihil Rengamasy T, Manoj Kumar M
2.	DATA PREPROCESSING	Importing the Libraries	Nihil Rengamasy T, Manoj Kumar M
3.	DATA PREPROCESSING	Reading the Dataset	Nihil Rengamasy T, Manoj Kumar M
4.	DATA PREPROCESSING	Analyse the Data	Keerthi Rajan S, Minu S
5.	DATA PREPROCESSING	Handling the Missing Values	Keerthi Rajan S, Minu S
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Nihil Rengasamy T, Minu S
7.	DATA PREPROCESSING	Data Visualisation	Keerthi Rajan S, Minu S
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Manoj Kumar M, Keerthi Rajan S
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Manoj Kumar M, Keerthi Rajan S
10.	MODEL EVALUATION	Model Evaluation	Manoj Kumar M, Keerthi Rajan S
11.	MODEL EVALUATION	Save the Model	Manoj Kumar M, Keerthi Rajan S

12.	APPLICATION BUILDING	Build the HTML code.	Manoj Kumar M Minu S

13.	APPLICATION BUILDING	Build the Python code	Manoj Kumar M Minu S
14.	APPLICATION BUILDING	Run Flask App	Manoj Kumar M Minu S
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Keerthi Rajan S, Nihil Rengasamy T
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Keerthi Rajan S, Nihil Rengasamy T
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Keerthi Rajan S, Nihil Rengasamy T