PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	25 November 2022
TEAM ID	PNT2022TMID29328
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	Mohamed Iliyaz S
2.	DATA PREPROCESSING	Importing the Libraries	Dhayanidhi V
3.	DATA PREPROCESSING	Reading the Dataset	Samraj S
4.	DATA PREPROCESSING	Analyse the Data	Aswin Kumar I
5.	DATA PREPROCESSING	Handling the Missing Values	Dhayanidhi V Aswin Kumar I Mohamed Iliyaz S
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Aswin Kumar I Dhayanidhi V Samraj S
7.	DATA PREPROCESSING	Data Visualisation	Dhayanidhi V
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Aswin Kumar I Dhayanidhi V

9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Samraj S Mohamed Iliyaz S
10.	MODEL EVALUATION	Model Evaluation	Dhayanidhi V Samraj S
11.	MODEL EVALUATION	Save the Model	Aswin Kumar I Mohamed Iliyaz S
12.	APPLICATION BUILDING	Build the HTML code.	Dhayanidhi V Aswin Kumar I Samraj S Mohamed Iliyaz S

13.	APPLICATION BUILDING	Build the Python code	Dhayanidhi V Aswin Kumar I Samraj S Mohamed Iliyaz S
14.	APPLICATION BUILDING	Run Flask App	Dhayanidhi V Aswin Kumar I Samraj S Mohamed Iliyaz S
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Dhayanidhi V Aswin Kumar I Samraj S Mohamed Iliyaz S
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Aswin Kumar I Samraj S
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Dhayanidhi V Mohamed Iliyaz S