PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	17 NOVEMBER 2022
TEAM ID	PNT2022TMID23758
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	Rajaranganayaki R Vidhya P Rakshambika S Shanmugavalli S
2.	DATA PREPROCESSING	Importing the Libraries	Vidhya P Rajaranganayaki R
3.	DATA PREPROCESSING	Reading the Dataset	Rakshambika S Rajaranganayaki R
4.	DATA PREPROCESSING	Analyse the Data	Shanmugavalli S Rajaranganayaki R
5.	DATA PREPROCESSING	Handling the Missing Values	Vidhya P Shanmugavalli S Rajaranganayaki R Rakshambika S
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Rajaranganayaki R Shanmugavalli S Vidhya P Rakshambika S
7.	DATA PREPROCESSING	Data Visualisation	Shanmugavalli S Rakshambika S Vidhya P Rajaranganayaki R
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Shanmugavalli S Rajaranganayaki R

9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Vidhya P Rajaranganayaki R
10.	MODEL EVALUATION	Model Evaluation	Shanmugavalli S Rajaranganayaki R
11.	MODEL EVALUATION	Save the Model	Rakshambika S Rajaranganayaki R
12.	APPLICATIO NBUILDING	Build the HTML code.	Rakshambika S Rajaranganayaki R
13.	APPLICATION BUILDING	Build the Python code	Vidhya P Rajaranganayaki R
14.	APPLICATION BUILDING	Run Flask App	Shanmugavalli S Rajaranganayaki R
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Rajaranganayaki R Shanmugavalli S Rakshambika S Vidhya P
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Rajaranganayaki R Rakshambika S
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Shanmugavalli S Rajaranganayaki R