PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID28091
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	Joan Sharon N
2.	DATA PREPROCESSING	Importing the Libraries	Priyadharshini C N
3.	DATA PREPROCESSING	Reading the Dataset	Renisha Magdalene N
4.	DATA PREPROCESSING	Analyse the Data	Rubina angel D
5.	DATA PREPROCESSING	Handling the Missing Values	Priyadharshini C N Renisha Magdalene N Rubina angel D
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Joan Sharon N Priyadharshini C N Renisha Magdalene N
7.	DATA PREPROCESSING	Data Visualisation	Rubina angel D
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Joan Sharon N Priyadharshini C N
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Renisha Magdalene N Rubina angel D
10.	MODEL EVALUATION	Model Evaluation	Priyadharshini C N Renisha Magdalene N

11.	MODEL EVALUATION	Save the Model	Rubina angel D Joan Sharon N
12.	APPLICATIO NBUILDING	Build the HTML code.	Priyadharshini C N Renisha Magdalene N Rubina angel D
13.	APPLICATION BUILDING	Build the Python code	Joan Sharon N Priyadharshini C N Renisha Magdalene N Rubina angel D
14.	APPLICATION BUILDING	Run Flask App	Joan Sharon N Priyadharshini C N Renisha Magdalene N Rubina angel D
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Joan Sharon N Priyadharshini C N Renisha Magdalene N Rubina angel D
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Renisha Magdalene N
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Priyadharshini C N