PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	20 OCTOBER 2022
TEAM ID	PNT2022TMID17852
PROJECT TITLE	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING

Milestones and Activity List:

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S.NO	MILESTONES	ACTIVITIES	TEAM
1.	DATA COLLECTION	Download the Dataset	Dinesh T Harikrishnan M
2.	DATA PREPROCESSING	Importing the Libraries	Dinesh T
3.	DATA PREPROCESSING	Reading the Dataset	Harikrishnan M
4.	DATA PREPROCESSING	Analyse the Data	Ashok N
5.	DATA PREPROCESSING	Handling the Missing Values	Harikrishnan M Ashok N Arvind J
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Dinesh T Harikrishnan M Ashok N
7.	DATA PREPROCESSING	Data Visualisation	Arvind J
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Harikrishnan M Dinesh T
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Arvind J Dinesh T
10.	MODEL EVALUATION	Model Evaluation	Arvind J Ashok N

11.	MODEL EVALUATION	Save the Model	Arvind J

12.	APPLICATION BUILDING	Build the HTML code.	Dinesh T Harikrishnan M Ashok N Arvind J

13.	APPLICATION BUILDING	Build the Python code	Dinesh T Harikrishnan M Ashok N Arvind J
14.	APPLICATION BUILDING	Run Flask App	Dinesh T Harikrishnan M Ashok N Arvind J
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Dinesh T Harikrishnan M Ashok N Arvind J
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Dinesh T Harikrishnan M Ashok N Arvind J
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Dinesh T Harikrishnan M Ashok N Arvind J