

PROJECT PLANNING PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID08775
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	Sreemathi.M
2.	DATA PREPROCESSING	Importing the Libraries	Amsu Priya.B
3.	DATA PREPROCESSING	Reading the Dataset	Ajay Deepak.B
4.	DATA PREPROCESSING	Analyse the Data	Suriya.R
5.	DATA PREPROCESSING	Handling the Missing Values	Ajay Deepak.B Sreemathi.M Amsu Priya.B
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Ajay Deepak.B Sreemathi.M Suriya.R
7.	DATA PREPROCESSING	Data Visualisation	Suriya.R
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Ajay Deepak.B Suriya.R Amsu Priya.B
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Amsu Priya.B Sreemathi.M
10.	MODEL EVALUATION	Model Evaluation	Ajay Deepak.B

11.	MODEL EVALUATION	Save the Model	Sreemathi.M
12.	APPLICATION BUILDING	Build the HTML code.	Amsu Priya.B Ajay Deepak.B
13.	APPLICATION BUILDING	Build the Python code	Ajay Deepak.B Sreemathi.M Amsu Priya.B Suriya.R
14.	APPLICATION BUILDING	Run Flask App	Ajay Deepak.B Sreemathi.M Amsu Priya.B Suriya.R
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Ajay Deepak.B Sreemathi.M Amsu Priya.B Suriya.R
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Sreemathi.M
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Amsu Priya.B

