PROJECT PLANNNG PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID52107
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	M.Srisakthi
2.	DATA PREPROCESSING	Importing the Libraries	J.Shyja jenifer
3.	DATA PREPROCESSING	Reading the Dataset	M.Sindhu
4.	DATA PREPROCESSING	Analyse the Data	K.Sujith
5.	DATA PREPROCESSING	Handling the Missing Values	J.Shyja jenifer M.Sindhu K.Sujith
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	M.Srisakthi J.Shyja jenifer M.Sindhu
7.	DATA PREPROCESSING	Data Visualisation	K.Sujith
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	M.Srisakthi J.Shyja jenifer
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	J.Shyja jenifer M.Sindhu K.Sujith

10.	MODEL EVALUATION	Model Evaluation	M.Srisakthi
			M.Sindhu
			K.Sujith

11.	MODEL EVALUATION	Save the Model	M.Srisakthi K.Sujith
12.	APPLICATIO NBUILDING	Build the HTML code.	J.Shyja jenifer M.Sindhu K.Sujith
13.	APPLICATION BUILDING	Build the Python code	M.Srisakthi J.Shyja jenifer M.Sindhu K.Sujith
14.	APPLICATION BUILDING	Run Flask App	M.Srisakthi J.Shyja jenifer M.Sindhu K.Sujith
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	M.Srisakthi J.Shyja jenifer M.Sindhu K.Sujith
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	M.Srisakthi
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	J.Shyja jenifer