

PROJECT PLANNING PHASE

MILESTONES AND ACTIVITY LIST

DATE	22 OCTOBER 2022
TEAM ID	PNT2022TMID25561
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	Gayathri N
2.	DATA PREPROCESSING	Importing the Libraries	Shamyuktha SNR
3.	DATA PREPROCESSING	Reading the Dataset	Mohaneswari M
4.	DATA PREPROCESSING	Analyse the Data	Melitta AS
5.	DATA PREPROCESSING	Handling the Missing Values	Gayathri N Shamyuktha SNR Mohaneswari M Melitta AS
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Gayathri N Shamyuktha SNR Mohaneswari M
7.	DATA PREPROCESSING	Data Visualisation	Melitta AS
8.	DATA PREPROCESSING	Splitting Dependent and Independent Columns.	Gayathri N Mohaneswari M
9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Shamyuktha SNR Melitta AS
10.	MODEL EVALUATION	Model Evaluation	Mohaneswari M Gayathri N Shamyuktha SNR

11.	MODEL EVALUATION	Save the Model	Shamyuktha SNR Melitta AS
12.	APPLICATION BUILDING	Build the HTML code.	Mohaneswari M Gayathri N Melitta AS
13.	APPLICATION BUILDING	Build the Python code	Melitta AS Mohaneswari M Gayathri N Shamyuktha SNR
14.	APPLICATION BUILDING	Run Flask App	Mohaneswari M Melitta AS Gayathri N Shamyuktha SNR
15.	TRAIN THE MODEL ON IBM	Register For IBM Cloud	Melitta AS Gayathri N Mohaneswari M Shamyuktha SNR
16.	TRAIN THE MODEL ON IBM	Train the ML Model on IBM	Mohaneswari M
17.	TRAIN THE MODEL ON IBM	Integrate Flask with Scoring Endpoint.	Gayathri N

