

PROJECT PLANNING PHASE

MILESTONES AND ACTIVITY LIST

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID17967
PROJECT TITLE	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING

Milestones and Activity List:

S.NO	MILESTONES	ACTIVITIES	TEAM	DATE	STATUS
1.	DATA COLLECTION	Download the Dataset	Aiswerya .T Iswarya .S Rithika .K	31/08/2022	Completed
2.	DATA PREPROCESSING	Importing the Libraries	Gokila .V Vigneshwari .M	07/09/2022	Completed
3.	DATA PREPROCESSING	Reading the Dataset	Aiswerya .T Iswarya .S	07/09/2022	Completed
4.	DATA PREPROCESSING	Analyse the Data	Aiswerya .T Iswarya .S Rithika .K Gokila .V Vigneshwari .M	07/09/2022	Completed
5.	DATA PREPROCESSING	Handling the Missing Values	Aiswerya .T Iswarya .S Rithika .K Gokila .V Vigneshwari .M	07/09/2022	Completed
6.	DATA PREPROCESSING	Water Quality Index (WQI) Calculation	Aiswerya .T Iswarya .S Rithika .K Gokila .V Vigneshwari .M	07/09/2022	Completed
7.	DATA PREPROCESSING	Data Visualization	Iswarya .S Vigneshwari .M	07/09/2022	Completed
8.	DATA PREPROCESSING	Splitting Dependent Independent Columns.	Aiswerya .T Gokila .V	07/09/2022	Completed

9.	DATA PREPROCESSING	Splitting the Data into Training and Testing	Aiswerya .T Iswarya .S Gokila .V	07/09/2022	Completed
10.	MODEL BUILDING	Model Evaluation	Aiswerya .T Vigneshwari .M Rithika .K	14/09/2022	Completed
11.	MODEL BUILDING	Save the Model	Aiswerya .T Iswarya .S Rithika .K	14/09/2022	Completed
12.	APPLICATION BUILDING	Build the HTML code.	Iswarya .S Gokila .V Rithika .K	21/09/2022	Completed
13.	APPLICATION BUILDING	Build python code	Aiswerya .T Vigneshwari .M Rithika .K	21/09/2022	Completed
14.	APPLICATION BUILDING	Run flask app	Iswarya .S Gokila .V Vigneshwari .M	21/09/2022	Completed
15.	TRAIN THE MODEL ON IBM	Train the ML model on IBM	Iswarya .S Gokila .V Vigneshwari .M	28/09/2022	Completed
16.	TRAIN THE MODEL ON IBM	Integrate flask with scoring end point	Vigneshwari .M Iswarya .S	28/09/2022	Completed
17.	IDEATION PHASE	Literature survey on the selected project and information gathering.	Vigneshwari .M Iswarya .S Aiswerya .T	07/10/2022	Completed
18.	IDEATION PHASE	Prepare empathy map	Aiswerya .T Gokila .V Rithika .K	07/10/2022	Completed

19.	IDEATION PHASE	Ideation	Iswarya .S Aiswerya .T Rithika .K	07/10/2022	Completed
20.	PROJECT DESIGN PHASE -I	Proposed solution	Iswarya .S Aiswerya .T Rithika .K	10/10/2022	Completed
21.	PROJECT DESIGN PHASE -I	Problem solution fit	Gokila .V Vigneshwari .M	10/10/2022	Completed
22.	PROJECT DESIGN PHASE -I	Solution architecture	Aiswerya .T Gokila .V Vigneshwari .M	10/10/2022	Completed
23.	PROJECT DESIGN PHASE -II	Customer journey	Gokila .V Iswarya .S Rithika .K	12/10/2022	Completed
24.	PROJECT DESIGN PHASE -II	Functional requirement	Aiswerya .T Vigneshwari .M	12/10/2022	Completed
25.	PROJECT DESIGN PHASE -II	Data Flow diagrams	Aiswerya .T Gokila .V Rithika .K	12/10/2022	Completed
26.	PROJECT DESIGN PHASE -II	Technology architecture	Aiswerya .T Gokila .V Rithika .K Iswarya .S Vigneshwari .M	12/10/2022	Completed
27.	PROJECT PLANNING PHASE	Prepare milestone and activity list	Rithika .K Aiswerya .T	31/10/2022	Completed
28.	PROJECT PLANNING PHASE	Sprint delivery plan	Iswarya .S Vigneshwari .M Gokila .V	31/10/2022	Completed
29.	PROJECT DEVELOPMENT PHASE	Sprint	Iswarya .S Vigneshwari .M Gokila .V Rithika .K Aiswerya .T	02/11/2022	Completed

