

M.A.M.COLLEGE OF ENGINEERING AND TECHNOLOGY

INFORMATION TECHNOLOGY

IBM NALAIYA THIRAN

**MILESTONE LIST AND ACTIVITY LIST**

TITLE ID : PNT2022TMID45216

TITTLE NAME : Efficient Water Quality Analysis and Prediction using Machine  
Learning

DOMAIN NAME : Applied Data Science

TEAM LEAD NAME : Keerthana M

TEAM MEMBERS NAME : Shanmugapriya M

Lathika R

Jeeva R

Banupriya K

MENTOR NAME : Rama B

## MILESTONE LIST AND ACTIVITY LIST

<b>Date</b>	03 November 2022
<b>Team ID</b>	PNT2022TMID45216
<b>Project Name</b>	Efficient Water Quality Analysis and Prediction using Machine Learning
<b>Maximum Marks</b>	2 Marks

Milestone Name	Activities	Milestone Number	Description	Completion Date	Status
<b>Prerequisites</b>			Create the IBM account and download the necessary software for your chosen category of the project	27/08/2022	Completed
<b>Ideation Phase</b>	Literature Survey	1	Literature survey on the selected project by gathering and referring research paper and publications	02/09/2022	Completed
	Empathy Map	1	Create an empathy map that list the user's pains and gains	08/09/2022	Completed
	Problem Statement	1	Summarize the problem that customer needs to be solved	09/09/2022	Completed
	Brainstorming	1	Gather many different ideas from the team mates and prioritize the idea based on feasibility and innovative	16/9/2022	Completed
<b>Project Design Phase -1</b>	Proposed Solution	2	Prepare the proposed solution document that you proposed to solve the problem statement which should include feasibility ,business model ... etc.	24/9/2022	Completed
	Solution Architecture	2	Prepare Solution architecture diagram for the proposed solution	01/10/2022	Completed
	Problem Solution Fit	2	Prepare Solution Fit Document for the proposed solution	01/10/2022	Completed
<b>Project Design Phase -2</b>	Customer Journey Map	3	Prepare a customer journey map to understand how the user interact and experience your product	08/10/2022	Completed

	Data Flow Diagram	3	Draw the data flow diagram for you proposed solution	12/10/2022	Completed
	Solution Requirements	3	Create a solution requirement document for the proposed solution	14/10/2022	Completed
	Technology Stack	3	Prepare the technology stack diagram for the proposed solution	14/10/2022	Completed
<b>Project Planning</b>	Milestone And Activity List	4	Create a document to show your milestones as well as activity in your development cycle	21/10/2022	Completed
	Sprint Delivery Plan	4	Create a sprint plan for the project	21/10/2022	Completed
<b>Project Development Phase</b>	Sprint-1	5	Delivery of the sprint-1	29/10/2022	On Going
	Sprint-2	6	Delivery of the sprint-2	5/11/2022	On Going
	Sprint-3	7	Delivery of the sprint-3	12/11/2022	On Going
	Sprint-4	8	Delivery of the sprint-4	19/11/2022	On Going