

## PROJECT PLANNING PHASE

### PROJECT MILESTONE AND ACTIVITY LIST

Date	29 October 2022
Team ID	PNT2022TMID24570
Project Name	Efficient Water quality analysis and Prediction using Machine Learning
Maximum Marks	4 Marks

SNO	MILESTONE	DESCRIPTION	DURATION	WORKING STATUS
1	Prerequisites	Prerequisites are the needs required for the implementation of the various phases of the project. They help to render the relevant technical information regarding the project.	1 WEEK	Completed
2	Ideation	Ideation process helps to organize the ideas by prioritizing them and generate solutions through sessions such as Prototyping, Brainstorming based on the liability and feasibility.	1 WEEK	Completed
3	Project design phase	Project design is the beginning phase of a project where the project's key features, structure, criteria, and major deliverables are framed. The aim is to develop one or more designs that can be used to achieve the desired goals.	1 WEEK	Completed
4	Project Planning Phase	In the Planning Phase, the team works on technical design, prepare the task list, accumulate the resources, build communication, plan the budget and initial schedule for project.	1 WEEK	Completed

5	Data Collection and Data pre-processing	A Data collection is a process of gathering and measuring appropriate information on variables to ensure the accuracy and facilitate analysis. It helps to solve the critical workloads.	1 WEEK	Completed
6	Model Building	Model Building is used for project visualization to provide information about the proposed state. It helps to identify the quality of objectives and to formulate the conceptual model.	4 WEEKS	In progress
7	Develop Application	A web application is an application software that provides an easy access to the users, unlike software programs that run locally and natively on the operating systems.	4 WEEKS	In progress
8	Project Development phase	Project development is the process of planning and allocating the resources for the development of a complete project or product from concept to go-live and helps in any update of the project if required.	4 WEEKS	In progress