PROJECT PLANNING PHASE

PROJECT MILESTONE

Date	27 October 2022
Team ID	PNT2022TMID52978
Project Name	Efficient Water quality analysis and prediction using Machine Learning
Maximum Marks	4 Marks

S.NO	MILESTONE	DESCRIPTION	DURATION	Working Status
1	Prerequisites	Prerequisites are all the needs at the requirement level needed for the execution of the different phases of a project.	1 WEEK	Completed
2	Ideation	To generate ideas and solutions through sessions such as Sketching, voting the best of alternatives, Prototyping, Brainstorming and comparison with other techniques	1 WEEK	Completed
3	Project design phase	Project design is an early phase of a project where the project's key features, structure, criteria for success, and major deliverables are planned out. The aim is to develop one or more designs that can be used to achieved the desire goals.	1 WEEK	Completed
4	Project Planning Phase	In this phase we create the technical design,functional requirements,tech stack, task list, resources ,communication plan,budget and initial schedule for project.	1 WEEK	Completed

5	Data Collectionand Data pre- processing	Involves gathering and measuring information on variables to ensure accuracy and facilitate analysis. With preprocessing, necessary features were extracted for training the model.	1 WEEK	Completed
6	Model Building	Model Building is used for project visualization to deploy the system. The ouput will be a prediction of water quality index	1 WEEKS	In progress
7	Develop Application	A web application is application software that runsin a web browser, acts as an interface for the user top collect data and analyze the results.	2 WEEKS	In progress
8	Project Development Phase	Project development is theprocess of planning and allocating resources to fully develop aproject or product .	2 WEEKS	In progress