

**PROJECT PLANNING**  
**PHASE PROJECT MILESTONE**

|               |  |
|---------------|--|
| Date          | 27 October 2022  |
| Team Id       | PNT2022TMID27512   |
| 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      | Ideation process is where you generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Worst Possible ideas and | 1 WEEK   | Completed      |

|   |                        |   |        |           |
|---|------------------------|---|--------|-----------|
|   |                        | wealth of other techniques.   |        |           |
| 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 the Planning Phase, the Project Manager works with the team to create the technical design, task list, resources, communication plan, 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 information on variables to ensure accuracy and facilitate analysis. It help to solve the critical workloads.                 | 1 WEEK  | In progress |
| 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 it formulate the conceptual model. | 4 WEEKS | In progress |
| 7 | Develop Application                     | A web application is application software that runs in a web browser, unlike software programs that run locally and natively on the   | 4 WEEKS | In progress |

|   |                           |  |         |             |
|---|---------------------------|--|---------|-------------|
|   |                           | operating system of the device.  |         |             |
| 8 | Project development phase | Project development is the process of planning and allocating resources to fully develop a project or product from concept to go-live. | 4 WEEKS | In progress |