# PROJECT PLANNING PHASE

## PROJECT MILESTONE AND ACTIVITY LIST

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| Date | 04 November 2022 |
| Team ID | PNT2022TMID00111 |
| Project Name | Efficient Water quality analysis and Prediction using Machine Learning |
| Maximum Marks | 4 Marks |

| SNO | MILESTONE | DESCRIPTION | DURATION | WORKING STATUS |
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| 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 projects 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 |
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| 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 |