**PROJECT PLANNING**

**Prepare Milestone And Activity List**

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| Date | 05 November 2022 |
| Team ID | PNT2022TMID30374 |
| Project Name | Real-Time River Water Quality Monitoring and Control System |
| Maximum Marks | 4 Marks |

**PROJECT MILESTONE**

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| **S.NO** | **MILESTONE** | **DESCRIPTION** | **DURATION** | **Progress** |
| 1 | **Prerequisites** | Prerequisites are all the requirements at the requirement level necessary for carrying out the various project phases. | 1 WEEK | Completed |
| 2 | **Create & Configure IBM cloud services** | Higher levels of compliance, security, and management are made possible by IBM Cloud's solutions, which also feature tried-and-true architecture patterns and strategies for quick delivery of mission-critical workloads. | 1 WEEK | Completed |
| 3 | **Ideation phase** | Ideation is the process through which you come up with ideas and solutions using exercises like sketching, prototyping, brain-storming, writing in the head, coming up with the worst-case scenario, and a variety of other ideation approaches. | 1 WEEK | Completed |

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| 4 | **Project design phases** | Project design is the initial stage of a project where the main characteristics, organization, success factors, and primary deliverables are planned out. The objective is to create one or more designs that can be applied to realize the intended project objectives. | 1 WEEK | Completed |
| 5 | **Project planning phase** | The project manager collaborates with the team to develop the technical design, task list, resource plan, communications plan, budget, and initial schedule for the project during the planning phase. The project manager also establishes the roles and responsibilities of the project team and its stakeholders. | 1 WEEK | Completed |
| 6 | **Develop the python script** | A Python script is a collection of instructions found in a file and designed to be executed similarly to a programme. It is intended that the file will be executed from the command line or from a Python interactive shell to carry out a specific task. Of course, the file imports several modules and includes methods. | 3 WEEKS | In Progress |
| 7 | **Develop web application** | Instead of running locally and natively on the device's operating system (OS), web applications (or web apps) are application programmes that operate in a web browser. | 1 WEEK | In Progress |