**PROJECT PLANNING PHASE**

**PROJECT MILESTONE**

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| Date | | | 5 November 2022 | | |
| Team ID | | | PNT2022TMID30625 | | |
| Project Name | | | Signs with smart connectivity for better road safety | | |
| Maximum Marks | | | 4Marks | | |
|  | **MILESTONE** | **DESCRIPTION** | | **DURATION** | **WORKING STATUS** |
| 1 | Prerequisites | Prerequisites are the  fundamentals  elements that are required and must be satisfied in order to successfully carry out each stages of the project. | | 1WEEK | COMPLETED |
| 2 | Create &  Configure  IBM  cloud services | IBM Cloud Services is a platform where data is stored and then processed in to help in making the most appropriate choices for the user. In our project, it also aids in user communication via a mobile application. With tested design architecture  and techniques for rapid delivery for handling  tasks, it is a platform that enables better accuracy and  reliability | | 1WEEK | COMPLETED |
| 3 | Ideation phase | Ideation is the process of coming up with new concepts and solutions while carrying out activities like prototyping, brainstorming, empathy mapping, and literature surveys. | | 1WEEK | COMPLETED |
| 4 | Project design phases | Project design is the initial stage of a project where the main characteristics, organisation, success factors, and significant deliverables are carried out. The objective is to create one or more designs that can be applied to realize the desired project objectives. | | 1WEEK | COMPLETED |

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| 5 | Project planning phase | In the planning phase, the team leader and members collaborate with the project team to build the project's model design, task list, resource plan, communications strategy, budget, and initial timeline. They also identify the roles and responsibilities of the project team and its members. | 1WEEK | COMPLETED |
| 6 | Project development phase | The process of organising and assigning resources in order to fully develop a project or product from conception to launch. | 4WEEKS | IN PROGRESS |
| 7 | Develop the python script | A Python script is a set of instructions found in a file and designed to be executed similarly to a program. 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. The document imports various modules and has methods. | 4WEEKS | IN PROGRESS |
| 8 | Develop web application | The development of a web application is a integral  part  of this project because it incorporates processes like user communication through a web application. The method functions as a sort of middleman between the user and the cloud database. | 4WEEKS | IN PROGRESS |