**PROJECT PLANNING PHASE**

**PROJECT MILESTONE**

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| Date | 05 NOVEMBER 2022 |
| Team ID | PNT2022TMID46892 |
| Project Name | Project –Developing a Flight Delay 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 | Data collection | IBM provides the dataset. It is the actual dataset used to train the model for performing various actions.In this activity let’s focus on gathering the dataset. | 1 WEEK | Completed |
| 3 | Data preprocessing | Data preprocessing is a technique that is used to convert the raw data into a clean data set. | 2 WEEK | Completed |
| 4 | Ideation Phase | Ideation is the process where you generate ideas and solutions through sessions such as sketching ,protyping,Brain storming,brain writing,worst possible idea and a wealth other ideation techniques. | 4 DAYS | Completed |
| 5 | Project Design Phase | Project design is an early phase of a project where the project key features,structure,criteria for success and major deliverable are planned out. | 1 WEEK | Completed |
| 6 | Train the model on IBM | Model training is the primary in machine learning ,resulting in a working model that can then be validated,tested and deployed. | 1 WEEK | In process |
| 7 | Project planning phase | In the planning phase,the project manager works with the project team to create the technical design ,tasklist,resource.  plan,communications,plan,budget and initial schedule for the project,and eatablishishes te roles and responsibilities of the project team and its stackholders | 1 WEEK | In process |
| 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. | . 1 WEEK | In process |