PROJECT PLANNING PHASE

PROJECT MILESTONE

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| Date | 27 October 2022 |
| Team ID | PNT2022TMID49497 |
| Project Name | Smart farmer - IoT Enabled Smart Farming Application. |
| Maximum Marks | 4 Marks |

| S.NO | MILESTONE | DESCRIPTION | DURATION | WORKING STATUS |
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| 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 | Create & Configure IBM cloud services | IBM Cloud provides solutions that enable higher levels of compliance, security and management with proven architecture patterns and methods for rapid delivery for running mission critical workloads. | 1 WEEK | Completed |
| 3 | Develop the python script | A Python script is a set of commands included in a file that is intended to be run similarly to a program. The concept is that the file will be run or performed from the command line or from within a Python interactive shell to perform a particular activity. Of course, the file includes methods and imports different modules. | 3 WEEKS | In-Progess |

| 4 | Build web application | Build a web application using Node-RED, Configure the Node-RED and create API for communicating with a mobile application. | 1 WEEK | In-Progess |
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| 5 | Develop a mobile Application | Develop the mobile application using MIT App inventor which should display all the sensor parameters and have the buttons to control the motors. | 2 WEEK | In-Progess |
| 6 | Ideation phase | Ideation is the process where you generate ideas and solutions through sessions such as Sketching, Prototyping, Brainstorming, Brain writing, Worst Possible Idea, and a wealth of other ideation techniques. | 1 WEEK | Completed |
| 7 | Project design phases | 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 achieve the desired project goals. | 1 WEEK | Completed |
| 8 | Project planning phase | In the Planning Phase, the Project Manager works with the project team to create the technical design, task list, resource plan, communications plan, budget, and initial schedule for the project, and establishes the roles and responsibilities of the project team and its stakeholders. | 1 WEEK | Completed |
| 9 | 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-Progess |