

PROJEC TPLANNING PHASE

PROJECT MILESTONE

| Date | | 07/11/2022 | | |
|--------------|--------------------|---|----------|----------------|
| TeamID | | PNT2022TMID50366 | | |
| Project Name | | Digital Naturalist –AI Enabled Tools for Biodiversity Researchers | | |
| MaximumMarks | | 4Marks | | |
| S.No | MILESTONE | DESCRIPTION | DURATION | WORKING STATUS |
| 1 | Project Objectives | Project objectives are what you plan to achieve by the end of your project. This might include deliverables and assets, or more intangible objectives like increasing productivity or motivation. | 1WEEK | Completed |
| 2 | Project Flow | It is a visual aid to understand the methodology you're using to manage the project. The diagram shows the interdependent and parallel processes over the course of the project's life cycle. | 1WEEK | Completed |
| 3 | Pre-Requisites | Prerequisites are all the needs at the requirement level needed for the execution of the different phases of a project. | 1WEEK | Completed |
| 4 | Prior Knowledge | Prior knowledge is defined as all the knowledge one has before learning about a particular topic. | 1WEEK | Completed |

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| 5 | Data Collection | It is the process of gathering and measuring information on targeted variables in an established system, which then enables one to answer relevant questions and evaluate outcomes. | 2WEEKS | In progress |
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| 6 | Image Processing | It is a method to perform some operations on an image, in order to get an enhanced image or to extract some useful information from it. It is a type of signal processing in which input is an image and output may be image or characteristics/features with that image | 1WEEK | In progress |
| 7 | Model Building | It is the process of developing a probabilistic model that best describes the relationship between the dependent and independent variables. | 1WEEK | In progress |
| 8 | Application Building | Application is the process of creating a computer program. In this phase build our Flask application which will be running in our local browser with a user interface. | 3WEEKS | In progress |
| 9 | Train CNN Model on IBM | A network architecture for deep learning which learns directly from data, eliminating the need for manual feature extraction. CNNs are particularly useful for finding patterns in images to recognize objects, faces, and scenes. | 2WEEKS | In progress |

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| 10 | 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. | 1WEEK | Completed |
| 11 | Project Design Phase - I | 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. | 1WEEK | Completed |

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| 12 | Project Planning Phase - II | 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. | 1WEEK | Completed |
| 13 | 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. | 1WEEK | In progress |