PROJECTPLANNING PHASE

PROJECT MILESTONE

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TeamID	PNT2022TMID37936
Project Name	Digital Naturalist –AI Enabled Tools for Biodiversity Researchers
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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.	2WEEKS	Completed
4	Prior Knowledge	Prior knowledge is defined as all the knowledge one has before learning about aparticular topic.	1WEEK	Completed
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
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 onIBM	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
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.	2WEEKS	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.	2WEEKS	Completed
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.	2WEEKS	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.	2WEEKS	In progress