

PROJECT PLANNING PHASE

Milestones & Activity List

Date	02 November 2022
Team ID	PNT2022TMID36992
Project Name	Digital Naturalist - AI Enabled Tool for Biodiversity Researchers
Maximum Marks	4 Marks

Activity List:

Activity No.	Activity	Activity Description	Duration
1.	Understanding the project	Understanding the problem statement, project objective, flow and structure.	1 week
2.	Attending Training sessions	To gain technical knowledge on the technology required to complete the project.	4 weeks
3.	Ideation and design	Brainstorming solution ideas for the problem statement and designing the solution.	2 weeks
4.	Data collection, Visualizing and analyzing, Data Preprocessing	Downloading the dataset. Importing libraries and reading the dataset Performing Univariate, Bivariate, Multivariate Visualizations and description analysis. Data Preprocessing.	1 week
5.	Model building	Decision Tree,Random Forest, KNN, XgBoost. Comparing Models. Evaluating performance.	1 week
6.	Application Building	Building HTML Webpage. Python for prediction model and running application.	1 week
7.	Training Model on IBM	Training ML model on IBM. Integrating flask with scoring end point.	1 week

Milestones:

Milestone no.	Milestone	Description
1.	Understanding Project and Training	Understanding and prior knowledge about the project and its flow, structure and objective.
2.	Ideation and design	Preparing ideas for the project and designing the solution and requirements.
3.	Delivery of sprint 1	Data Collection,Visualizing & Analyzing, Data Preprocessing.
4.	Delivery of sprint 2	Model Building: Decision Tree,Random Forest, KNN, XgBoost. Comparing Models. Evaluating performance.

5.	Delivery of sprint 3	Application Building: Building HTML Webpage, Python for prediction model and running application
6.	Delivery of sprint 4	Training ML model on IBM and integrating flask with scoring end point.