

Project Planning Phase

Milestone and Activity List

Date	2 October 2022
Team ID	PNT2022TMID35899
Project Name	Project - Digital Naturalist AI Enabled Tool For Biodiversity Researchers

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Dataset Collection	Creating Folders for Train and test	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
2.	Image Pre-Processing	Importing ImageDataGenerator Library and Configuring	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
3.	Image Pre-Processing	Applying ImageDataGenerator functionality to Train and Test set	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
4.	Model Building	Importing the required model building libraries	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
5.	Model Building	Initializing the model	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
6.	Model Building	Adding convolution laye	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
7.	Model Building	Adding pooling layer	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
8.	Model Building	Adding flatten layer	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
9.	Model Building	Adding dense layers	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
10.	Model Building	Compiling the model	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S

11.	Model Building	Fitting and saving the model	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
12.	Test the model	Importing the packages and the saved model	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S

13.	Test the model	Loading the test images, pre-processing it and predicting	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
14.	Application Building	Building a Flask application	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
15.	Application Building	Building/Creating the HTML page	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
16.	Application Building	Getting results	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
17.	Train CNN Model on IBM	Registering for IBM Cloud	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S
18.	Train CNN Model on IBM	Training Image Classification Model	VAROON K NAVEEN KUMAR NARESH GUPTHA G PRIYADHARSHAN S