

Project Planning Phase
Milestone and Activity List

Date	25 October 2022
Team ID	PNT2022TMID12315
Project Name	Project - Digital naturalist AI enabled tool for biodiversity researchers

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	V.Josna Sweety V.A.Lilee Sree
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	B.Nivetha S.Aishwarya
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	V.Josna Sweety S.Aishwarya
4.	Model Building	Import the required model building libraries	V.A.Lilee Sree B.Nivetha
5.	Model Building	Initialize the model	V.A.Lilee Sree B.Nivetha V.Josna Sweety S.Aishwarya
6.	Model Building	Add the convolution layer	S.Aishwarya V.A.Lilee Sree
7.	Model Building	Add the pooling layer	B.Nivetha V.Josna Sweety
8.	Model Building	Add the flatten layer	V.A.Lilee Sree B.Nivetha
9.	Model Building	Adding the dense layers	B.Nivetha V.Josna Sweety V.A.Lilee Sree
10.	Model Building	Compile the model	V.A.Lilee Sree V.Josna Sweety
11.	Model Building	Fit and save the model	B.Nivetha V.Josna Sweety

12.	Test the model	Import the packages and load the saved model	S.Aishwarya V.Josna Sweety
13.	Test the model	Load the test image, pre-process it and predict	B.Nivetha V.Josna Sweety
14.	Application Building	Build a flask application	V.A.Lilee Sree B.Nivetha
15.	Application Building	Build the HTML page	V.A.Lilee Sree B.Nivetha V.Josna Sweety S.Aishwarya
16.	Application Building	Output	V.Josna Sweety V.A.Lilee Sree
17.	Train CNN Model on IBM	Register for IBM Cloud	S.Aishwarya V.Josna Sweety
18.	Train CNN Model on IBM	Train Image Classification Model	V.A.Lilee Sree B.Nivetha

