

Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID45688
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	S.Keerthana S.Ramya A.Abina
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	P.Priyalakshmi S.keerthana
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	S.Keerthana S.Ramya A.Abina
4.	Model Building	Import the required model building libraries	P.Priyalakshmi S.Keerthana
5.	Model Building	Initialize the model	S.Keerthana S.Ramya A.Abina
6.	Model Building	Add the convolution layer	P.Priyalakshmi S.Keerthana
7.	Model Building	Add the pooling layer	S.keerthana S.Ramya A.Abina
8.	Model Building	Add the flatten layer	P.Priyalakshmi S.Keerthana
9.	Model Building	Adding the dense layers	S.keerthana S.Ramya A.Abina
10.	Model Building	Compile the model	P.Priyalakshmi S.Keerthana
11.	Model Building	Fit and save the model	S.Keerthana S.Ramya A.Abina
12.	Test the model	Import the packages and load the saved model	P.Priyalakshmi S.keerthana

13.	Test the model	Load the test image, pre-process it and predict	S.Keerthana S.Ramya A.Abina
14.	Application Building	Build a flask application	P.Priyalakshmi S.keerthana
15.	Application Building	Build the HTML page	S.Keerthana S.Ramya A.Abina
16.	Application Building	Output	P.Priyalakshmi S.keerthana
17.	Train CNN Model on IBM	Register for IBM Cloud	S.Keerthana S.Ramya A.Abina
18.	Train CNN Model on IBM	Train Image Classification Model	P.Priyalakshmi S.keerthana