Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID 9852338
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	Vinu Abinayaa R Varshini G
2.	Image Preprocessing	Import Image Data Generator Library and Configure	Vijayaraghavan P Raksha Maadhuri K Shwathi R
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Raksha Maadhuri K Varshini G
4.	Model Building	Import the required model building libraries	Vijayaraghavan P Vinu Abinayaa R
5.	Model Building	Initialize the model	Vinu Abinayaa R Raksha Maadhuri K Shwathi R
6.	Model Building	Add the convolution layer	Raksha Maadhuri K Shwathi R
7.	Model Building	Add the pooling layer	Varshini G Vinu Abinayaa R
8.	Model Building	Add the flatten layer	Vijayaraghavan P Varshini G
9.	Model Building	Adding the dense layers	Raksha Maadhuri K Vijayaraghavan P
10.	Model Building	Compile the model	Vinu Abinayaa R Shwathi R
11.	Model Building	Fit and save the model	Varshini G Raksha Maadhuri K

			Shwathi R
12.	Test the model	Import the packages and load the saved model	Vinu Abinayaa R Shwathi R Vijayaraghavan P
13.	Test the model	Load the test image , Preprocess it and predict	Raksha Maadhuri K Vinu Abinayaa R Varshini G
14.	Application building	Build a Flask Applicatio	Vinu Abinayaa R Vijayaraghavan P
15.	Application building	Build the HTML page	Shwathi R Varshini G
16.	Application building	Output	Raksha Maadhuri K Vinu Abinayaa R
17.	Train the CNN model	Register for IBM cloud	Vijayaraghavan P Shwathi R
18.	Train the CNN model	TrainImage Classification model	Raksha Maadhuri K Vinu Abinayaa R

			J.Ajith
13.	Test the model	Load the test image, pre-process it and predict	T. Dinesh kumar R. Gokul S. Abishek
14.	Application Building	Build a flask application	N. Bharanidharan P. jagan
15.	Application Building	Build the HTML page	T. Dinesh kumar R. Gokul S. Abishek
16.	Application Building	Output	N. Bharanidharan P. jagan
17.	Train CNN Model on IBM	Register for IBM Cloud	T. Dinesh kumar R. Gokul S. Abishek
18.	Train CNN Model on IBM	Train Image Classification Model	N. Bharanidharan P. jagan