Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID39559
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	T. Dinesh kumar R. Gokul S. Abishek
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	N. Bharanidharan P. jagan
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	T. Dinesh kumar R. Gokul S. Abishek
4.	Model Building	Import the required model building libraries	N. Bharanidharan P. jagan
5.	Model Building	Initialize the model	T. Dinesh kumar R. Gokul S. Abishek
6.	Model Building	Add the convolution layer	N. Bharanidharan P. jagan
7.	Model Building	Add the pooling layer	T. Dinesh kumar R. Gokul S. Abishek
8.	Model Building	Add the flatten layer	N. Bharanidharan P. jagan
9.	Model Building	Adding the dense layers	T. Dinesh kumar R. Gokul S. Abishek
10.	Model Building	Compile the model	N. Bharanidharan P. jagan
11.	Model Building	Fit and save the model	T. Dinesh kumar R. Gokul S. Abishek
12.	Test the model	Import the packages and load the saved model	N. Bharanidharan P. jagan

			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