Project Planning Phase

Milestone and Activity List

Date	05 November 2022
Team ID	PNT2022TMID36210
Project Name	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. Tamil selvi V. Subhalekha R .Siva
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	S.Tamil selvi R.Siva A.Sridhar
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	V.Subhalekha R.Siva Raj kumar
4.	Model Building	Import the required model building libraries	Raj kumar S.Tamil selvi
5.	Model Building	Initialize the model	V.Subhlekha R.Siva A.Sridhar
6.	Model Building	Add the convolution layer	S.Tamil selvi Raj kumar
7.	Model Building	Add the pooling layer	V.Subhalekha A.Sridhar
8.	Model Building	Add the flatten layer	S.Tamil selvi Raj kumar
9.	Model Building	Adding the dense layers	R.Siva A. Sridhar V.Subhalekha
10.	Model Building	Compile the model	Raj kumar S.Tamil selvi
11.	Model Building	Fit and save the model	A.Sridhar R.Siva V.Subhalekha

12.	Test the Model	Import the packages and load the saved Model	S.Tamil selvi V. Subhalekha
13.	Test the Model	Load the test image, pre-process it and predict	R.Siva A.Sridhar Raj kumar
14.	Application Building	Build a flask application	A.Sridhar Raj kumar
15.	Application Building	Build the HTML page	S.Tamil selvi V.Subhalekha Raj kumar A.Sridhar
16.	Application Building	Output	R.Siva A.Sridhar Raj kumar
17.	Train CNN Model on IBM	Register for IBM Cloud	S.Tamil selvi V.Subhalekha R.Siva A.Sridhar Raj kumar
18.	Train CNN Model on IBM	Train Image Classification Model	S.Tamil selvi V.Subhalekha