

Project Planning Phase

Milestone and Activity List

Date	18 nov 2022
Team ID	PNT2022TMID51283
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	aslin jarcitha ashlin jeya
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	Neethu Sheenu
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Aslin jarcitha ashlin jeya
4.	Model Building	Import the required model building libraries	Sheenu neethu
5.	Model Building	Initialize the model	Aslin jarcitha ashlin jeya
6.	Model Building	Add the convolution layer	Neethu sheenu
7.	Model Building	Add the pooling layer	Aslin jarcitha ashlin jeya
8.	Model Building	Add the flatten layer	Sheenu neethu
9.	Model Building	Adding the dense layers	Aslin jarcitha ashlin jeya
10.	Model Building	Compile the model	Neethu sheenu
11.	Model Building	Fit and save the model	Aslin jarcitha ashlin jeya
12.	Test the model	Import the packages and load the saved model	Neethu sheenu

13.	Test the model	Load the test image, pre-process it and predict	Aslin jarcitha ashlinjeya
14.	Application Building	Build a flask application	Sheenu neethu
15.	Application Building	Build the HTML page	Aslin jarcitha ashlin jeya
16.	Application Building	Output	Sheenu neethu
17.	Train CNN Model on IBM	Register for IBM Cloud	Aslin jarcitha ashlin jeya
18.	Train CNN Model on IBM	Train Image Classification Model	Sheenu neethu