Project Planning Phase

Milestone and Activity List

Team Member	Sandeep P K Pooventhan D Sabareeswaran S Pranesh S
Date	1 November 2022
Team ID	PNT2022TMID04681
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	Sabareeswaran S Pranesh S
2.	Image Preprocessing	Import Image Data Generator Library and Configure	Pooventhan D Sandeep P K
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	Sandeep P K Pranesh S
4.	Model Building	Import the required model building libraries	Sabareeswaran S Pooventhan D
5.	Model Building	Initialize the model	Sandeep P K Pranesh S Sabareeswaran S Pooventhan D
6.	Model Building	Add the convolution layer	Sabareeswaran S Pranesh S
7.	Model Building	Add the pooling layer	Sandeep P K Pranesh S
8.	Model Building	Add the flatten layer	Pooventhan D Sandeep P K
9.	Model Building	Adding the dense layers	Sabareeswaran S Pooventhan D

10.	Model Building	Compile the model	Pooventhan D Sandeep P K
11.	Model Building	Fit and save the model	Sabareeswaran S Pranesh S

12.	Test the model	Import the packages and load the saved model	Sandeep P K Pranesh S
13.	Test the model	Load the test image, pre-process it and predict	Sabareeswaran S Pranesh S
14.	Application Building	Build a flask application	
15.	Application Building	Build the HTML page	Sabareeswaran S Pooventhan D
16.	Application Building	Output	Sandeep P K Pranesh S Sabareeswaran S Pooventhan D
17.	Train CNN Model on IBM	Register for IBM Cloud	Pooventhan D Sandeep P K
18.	Train CNN Model on IBM	Train Image Classification Model	Pooventhan D Sandeep P K