Project Planning Phase

Milestone and Activity List

Date	19 October 2022
Team ID	PNT2022TMID20992
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	8 Marks

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	• Sairam H • Iyer Charan Murthy
2.	Image Preprocessing	Import Image Data Generator Library and Configure	• Vignesh Kumar • Vignesh Jothi
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	• Sairam H • Iyer Charan Murthy
4.	Model Building	Import the required model building libraries	• Vignesh Kumar • Vignesh Jothi
5.	Model Building	Initialize the model	• Sairam H • Iyer Charan Murthy
6.	Model Building	Add the convolution layer	• Vignesh Kumar • Vignesh Jothi
7.	Model Building	Add the pooling layer	• Sairam H • Iyer Charan Murthy
8.	Model Building	Add the flatten layer	• Vignesh Kumar • Vignesh Jothi
9.	Model Building	Adding the dense layers	• Sairam H • Iyer Charan Murthy
10.	Model Building	Compile the model	• Vignesh Kumar • Vignesh Jothi
11.	Model Building	Fit and save the model	• Sairam H • Iyer Charan Murthy
12.	Test the model	Import the packages and load the saved model	• Vignesh Kumar • Vignesh Jothi

13.	Test the model	Load the test image, pre-process it and predict	• Sairam H • Iyer Charan Murthy
14	Application Building	Build a flask application	• Vignesh Kumar • Vignesh Jothi
15.	Application Building	Build the HTML page	• Sairam H • Iyer Charan Murthy
16.	Application Building	Output	• Vignesh Kumar • Vignesh Jothi
17.	Train CNN Model on IBM	Register for IBM Cloud	• Sairam H • Iyer Charan Murthy
18.	Train CNN Model onIBM	Train Image Classification Model	• Vignesh Kumar • Vignesh Jothi