Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID31779
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	Architha A Tamilarasu V Sudhakar N
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	Arthika VS Sudhakar N Architha A
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Tamilarasu V Arthika VS Architha A Sudhakar N
4.	Model Building	Import the required model building libraries	Sudhakar N Architha A
5.	Model Building	Initialize the model	Arthika VS Tamilarasu V Sudhakar N
6.	Model Building	Add the convolution layer	Architha A Arthika VS
7.	Model Building	Add the pooling layer	Architha A Tamilarasu V Sudhakar N
8.	Model Building	Add the flatten layer	Tamilarasu V Arthika VS
9.	Model Building	Adding the dense layers	Tamilarasu V Sudhakar N Arthika VS
10.	Model Building	Compile the model	Tamilarasu V Sudhakar N
11.	Model Building	Fit and save the model	Arthika VS Sudhakar N Architha A

12.	Test the model	Import the packages and load the saved model	Sudhakar N Arthika VS Tamilarasu V
13.	Test the model	Load the test image, pre-process it and predict	Architha A Tamilarasu V Sudhakar N
14	Application Building	Building flask application	Sudhakar N Architha
15.	Application Building	Build the HTML page	Arthika VS Sudhakar N Architha A
16.	Application Building	Output	Tamilarasu V Sudhakar N Arthika VS
17.	Train CNN Model on IBM	Register for IBM Cloud	Architha A Tamilarasu V Sudhakar N
18.	Train CNN Model on IBM	Train Image Classification Model	Arthika VS Sudhakar N