Project Planning Phase

Milestone and Activity List

Date	28 October 2022
Team ID	PNT2022TMID42355
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	M. Rithick J. Praison
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	M. Vasanthakumar S. Prasath
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	D. Ajaikumar S. Prasath
4.	Model Building	Import the required model building libraries	M. Vasanthakumar S. Prasath
5.	Model Building	Initialize the model	M. Rithick J. Praison
6.	Model Building	Add the convolution layer	D. Ajaikumar S. Prasath
7.	Model Building	Add the pooling layer	M. Vasanthakumar S. Prasath
8.	Model Building	Add the flatten layer	D.Ajaikumar M. Vasanthakumar
9.	Model Building	Adding the dense layers	M. Rithick J. Praison M. Vasanthakumar
10.	Model Building	Compile the model	D. Ajaikumar S. Prasath
11.	Model Building	Fit and save the model	M. Rithick J. Praison M. Vasanthakumar

12.	Test the Model	Import the packages and load the saved Model	D. Ajaikumar S. Prasath
13.	Test the Model	Load the test image, pre-process it and predict	M. Rithick J. Praison M. Vasanthakumar
14.	Application Building	Build a flask application	D.Ajaikumar M. Vasanthakumar
15.	Application Building	Build the HTML page	M. Rithick J. Praison M. Vasanthakumar
16.	Application Building	Output	D. Ajaikumar S. Prasath
17.	Train CNN Model on IBM	Register for IBM Cloud	M. Rithick J. Praison M. Vasanthakumar
18.	Train CNN Model on IBM	Train Image Classification Model	J. Praison M. Rithick