Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID30984
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	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
2.	Image Pre-processing	Import ImageDataGenerator Library and Configure	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
3.	Image Pre-processing	Apply ImageDataGenerator functionality to Train and Test set	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
4.	Model Building	Import the required model building libraries	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
5.	Model Building	Initialize the model	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
6.	Model Building	Add the convolution layer	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
7.	Model Building	Add the pooling layer	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji

8.	Model Building	Add the flatten layer	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
9.	Model Building	Adding the dense layers	J. Keshava kumar M. Kannan K. Arun kumar R. C. Balaji
10.	Model Building	Compile the model	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
11.	Model Building	Fit and save the model	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
12.	Test the model	Import the packages and load the saved model	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
13.	Test the model	Load the image , pre-process it and predict	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
14.	Application Building	Build a flask application	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
15.	Application Building	Building the HTML page	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
16.	Application Building	Output	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
17.	Train CNN Model on IBM	Register for IBM Cloud	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji
18.	Train CNN Model on IBM	Train-Image Classification Model	J. Keshava kumar M. Kannan K. Arun kumar C. Balaji