Project Planning Phase

Milestone and Activity List

Date	1 November 2022
Team ID	PNT2022TMID14372
Project Name	Project - Digital naturalist AI enabled tool for biodiversity researchers

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	**Data Collection**	To download or create a datasets	NITHISH KUMAR PRAVEEN KUMAR
2.	**Data Augmentation**	To increase the volume or size of datasets	NAVEEN KUMAR PANCHATCHARAM
3.	**Image Preprocessing**	To apply ImageDataGenerator function	PRAVEEN KUMAR PANCHATCHARAM
4.	**Load Data**	To load this data of images into numpy arrays	NAVEEN KUMAR NITHISH KUMAR
5.	**Train Data**	To train the large collection of datasets	PANCHATCHARAM NITHISH KUMAR
6.	**Test Data**	To test the trained datasets	PRAVEEN KUMAR NAVEEN KUMAR
7.	**Model Creation**	Adding all the neural network layers required	NAVEEN KUMAR PRAVEEN KUMAR PANCHATCHARAM

8.	**Model Development**	Compile the model	NITHISH KUMAR NAVEEN KUMAR PRAVEEN KUMAR
9.	**Model Development**	Fit and save the model on train data	PRAVEEN KUMAR NITHISH KUMAR PANCHATCHARAM
10.	**Model Development**	Check for accuracies using test data as well	NITHISH KUMAR NAVEEN KUMAR PANCHATCHARAM
11.	**Application Building**	To create a Python flask application	NAVEEN KUMAR PRAVEEN KUMAR
12.	**Application Building**	To create the HTML page	NITHISH KUMAR PANCHATCHARAM
13.	**Application Building**	Result	PRAVEEN KUMAR NITHISH KUMAR
14.	**Train CNN Model on IBM**	To complete the Registration on IBM Cloud	PANCHATCHARAM PRAVEEN KUMAR
15.	**Train CNN Model on IBM**	To finally Train Image Classification Model	NITHISH KUMAR NAVEEN KUMAR