Project Planning Phase

Milestone and Activity List

Date	14 November 2022
Team Members	Shanmugapriya P Monika B Aruna A Sindhumeenal T Dhanushiya Y
Project Name	**Digital Naturalist - AI Enabled tool for Biodiversity Researchers**

Milestone and Activities:

S.No	Milestones	Activities	Team members
1.	Data Collection	Downlaoding the data Data augmentation structure creation Augmenting the data	Monika B Shanmugapriya P Dhanushiya Y
2	Image Processing and Evaluating the model	Import ImageDataGenerator Library and Configure	Aruna A
3		Apply Image Data Generator functionality to Train and Test set	Sindhumeenal T
4	Model Building	Import the required model building libraries	Shanmugapriya P Dhanushiya Y
5		Initialize the model	
6		Add the convolution layer	
7		Add the pooling layer	
8		Adding the flatten layers	
9		Adding the dense layers	
10		Compile the model	
11		save the model	
12	Testing Model	Import the packages and load the saved model	Monika B
13		Load the test image, pre-process it and predict	
14	Training Model	Register for IBM Cloud	Aruna A
15		Train Image Classification Model	
16	Building Application	Build the HTML page	Sindhumeenal T
17		Build a flask application	
18		Deploy application	