

Project Planning Phase

Milestone and Activity List

Date	22 Oct2022
Team ID	PNT2022TMID52124
Project Name	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.HEMA PREETHI J.JAYAKODI
2.	Image Preprocessing	Import Image Data Generator Library and Configure	A K HASMATH SAHINA S.JAYANTHI
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	M.HEMA PREETHI J.JAYAKODI S.JAYANTHI
4.	Model Building	Import the required model building libraries	A K HASMATH SAHINA J.JAYAKODI
5.	Model Building	Initialize the model	M.HEMA PREETHI S.JAYANTHI
6.	Model Building	Add the convolution layer	A K HASMATH SAHINA J.JAYAKODI
7.	Model Building	Add the pooling layer	M.HEMA PREETHI S.JAYANTHI
8.	Model Building	Add the flatten layer	A K HASMATH SAHINA M.HEMA PREETHI
9.	Model Building	Adding the dense layers	M. J.JAYAKODI HEMA PREETHI
10.	Model Building	Compile the model	A K HASMATH SAHINA S.JAYANTHI
11.	Model Building	Fit and save the model	M.HEMA PREETHI J.JAYAKODI

12.	Test the model	Import the packages and load the saved model	A K HASMATH SAHINA S.JAYANTHI
-----	----------------	--	-------------------------------------

13.	Test the model	Load the test image, pre-process it and predict	M.HEMA PREETHI
14.	Application Building	Build a flask application	
			M.HEMA PREETHI S.JAYANTHI
15.	Application Building	Build the HTML page	A K HASMATH SAHINA. J.JAYAKODI
16.	Application Building	Output	M.HEMA PREETHI S.JAYANTHI
17.	Train CNN Model on IBM	Register for IBM Cloud	A K HASMATH SAHINA S.JAYANTHI
18.	Train CNN Model on IBM	Train Image Classification Model	M.HEMA PREETHI J.JAYAKODI

