

Project Planning Phase

Milestone and Activity List

Date	19 October 2022
Team ID	PNT2022TMID47219
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers
Maximum Marks	8 Marks

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	<ul style="list-style-type: none"> Gomathisankar s Goergebush A
2.	Image Preprocessing	Import Image Data Generator Library and Configure	<ul style="list-style-type: none"> Kaviya S Karthika S
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	<ul style="list-style-type: none"> Kaviya S Karthika S
4.	Model Building	Import the required model building libraries	<ul style="list-style-type: none"> Gomathisankar s Goergebush A
5.	Model Building	Initialize the model	<ul style="list-style-type: none"> Kaviya S Karthika S
6.	Model Building	Add the convolution layer	<ul style="list-style-type: none"> Kaviya S Karthika S
7.	Model Building	Add the pooling layer	<ul style="list-style-type: none"> Kaviya S Karthika S
8.	Model Building	Add the flatten layer	<ul style="list-style-type: none"> Gomathisankar s Goergebush A
9.	Model Building	Adding the dense layers	<ul style="list-style-type: none"> Kaviya S Karthika S
10.	Model Building	Compile the model	<ul style="list-style-type: none"> Kaviya S Karthika S
11.	Model Building	Fit and save the model	<ul style="list-style-type: none"> Gomathisankar S Goergebush A

12.	Test the model	Import the packages and load the saved model	<ul style="list-style-type: none"> • Gomathisankar S • Goergebush A
13.	Test the model	Load the test image, pre-process it and predict	<ul style="list-style-type: none"> • Kaviya S • Karthika S
14	Application Building	Build a flask application	<ul style="list-style-type: none"> • Gomathisankar S • Goergebush A
15.	Application Building	Build the HTML page	<ul style="list-style-type: none"> • Kaviya S • Karthika S
16.	Application Building	Output	<ul style="list-style-type: none"> • Gomathisankar S • Goergebush A
17.	Train CNN Model on IBM	Register for IBM Cloud	<ul style="list-style-type: none"> • Kaviya S • Karthika S
18.	Train CNN Model on IBM	Train Image Classification Model	<ul style="list-style-type: none"> • Gomathisankar S • Goergebush A