

## Project Planning Phase

### Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID29236
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	B.Sathish Kumar V.Vignesh
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	B.Sathish Kumar S.Nethaji
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	B.Sathish Kumar V.Vignesh S.Nethaji
4.	Model Building	Import the required model building libraries	B.Sathish Kumar S.Nethaji
5.	Model Building	Initialize the model	B.Sathish Kumar V.Vignesh S.Nethaji
6.	Model Building	Add the convolution layer	S.Nethaji
7.	Model Building	Add the pooling layer	S.Nethaji V.Vignesh
8.	Model Building	Add the flatten layer	B.Sathish Kumar
9.	Model Building	Adding the dense layers	S.Nethaji
10.	Model Building	Compile the model	B.Sathish Kumar
11.	Model Building	Fit and save the model	B.Sathish Kumar

12.	Test the model	Import the packages and load the saved model	B.Sathish Kumar S.Nethaji
13	Test the model	Load the test image,pre-process it and predict	B.Sathish Kumar V.Vignesh S.Nethaji
14	Application Buliding	Build a Flask application	S.Nethaji V.Vignesh
15	Application Buliding	Build a HTML Page	S.Nethaji V.Vignesh
16	Application Buliding	Output	S.Nethaji V.Vignesh
17	Train CNN Model on IBM	Register for IBM Cloud	B.Sathish Kumar S.Nethaji
18	Train CNN Model on IBM	Train image classification Model	B.Sathish Kumar V.Vignesh S.Nethaji