

Project Planning Phase Milestone and Activity List

Date	28 October 2022
Team ID	PNT2022TMID35185
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers

S.No	Milestone	Activities	Team Members
1	Data Collection	Create Train and Test Folders	1. Chiranjeevi MP
2	Image Preprocessing	Import ImageDataGenerator Library and Configure	1. Chiranjeevi MP 2. Vasudha E
3	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	1. Chiranjeevi MP 2. Vasudha E
4	Model Building	Import the required model building libraries	1. Vasudha E 2. Aditya Ramachandran
5	Model Building	Initialise the model	1. Chiranjeevi MP
6	Model Building	Add the convolution layer	1. Shreya Ananth 2. Aditya Ramachandran
7	Model Building	Add the pooling layer	1. Vasudha E
8	Model Building	Add the flatten layer	1. Aditya Ramachandran
9	Model Building	Adding the dense layers	1. Chiranjeevi MP 2. Aditya Ramachandran
10	Model Building	Compile the model	1. Shreya Ananth
11	Model Building	Fit and save the model	1. Shreya Ananth 2. Aditya Ramachandran
12	Test the model	Import the packages and load the saved model	1. Vasudha E
13	Test the model	Load the test image, pre-process it and predict	1. Chiranjeevi MP 2. Aditya Ramachandran
14	Train CNN Model on IBM	Register for IBM Cloud	1. Chiranjeevi MP

15	Train CNN Model on IBM	Train Image Classification Model	1. Shreya Ananth 2. Vasudha E
16	Application Building	Build the HTML page	1. Aditya Ramachandran
17	Application Building	Build a flask application	1. Vasudha E
18	Application Building	Deploy application	1. Chiranjeevi MP