

Project Planning

Phase Milestone and Activities

Date	14 November 2022
Team Members	BABIN NIVYA.P ABIMITHA.V ABISHA.G VIGNESH.S.K
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers

Milestone and Activities:

S.No	Milestones	Activities	Team members
1.	Data Collection	Downlaodingthe data Data augmentationstructurecreation Augmentingthedata	Babin Nivya
2	Image Processing andEvaluatingthemo del	Import ImageDataGeneratorLibrary andConfigure	Babin nivya
3		Apply ImageData Generator functionalitytoTrainandTest set	Babin nivya
4	ModelBuilding	Importtherequiredmodel buildinglibraries	Babin nivya Vignesh Abimitha abisha
5		Initialize themodel	
6		Addtheconvolutionlayer	
7		Addthe poolinglayer	
8		Addingthe flattenlayers	
9		Addingthedense layers	
10		Compilethemodel	
11		savethemodel	
12	TestingModel	Importthepackages andloadthe savedmodel	Babin nivya
13		Loadthetest image, pre-process it andpredict	abimitha
14	TrainingModel	RegisterforIBMCloud	Babin nivya
15		TrainImageClassificationModel	
16	BuildingApplication	BuildtheHTMLpage	Babin nivya
17		Buildaflaskapplication	
18		Deployapplication	