

Project Planning Phase

Milestone and Activity List

Team ID	PNT2022TMID38453
Project Name	Project – Digital Naturalist - AI enabled tool for biodiversity researchers

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1 .	Data Collection	<ol style="list-style-type: none"> 1. Downloading The Data 2. Data Augmentation Structure creation 3. Augmenting the data 	Mahalakshmi.S Jayakumar.V Premkumar.K Monika.D Malavika.D
2 .	Loading data & Preprocessing	<ol style="list-style-type: none"> 1. Importing the libraries 2. Make a list of paths 3. Loading images into machine understanding 4. Data splitting into train & test 	Mahalakshmi.S Jayakumar.V Premkumar.K Monika.D Malavika.D
3 .	Getting started with convolutional neural network	<ol style="list-style-type: none"> 1. Start (Sequential) 2. Add layers 3. Building model 	Mahalakshmi.S Jayakumar.V Premkumar.K Monika.D Malavika.D
4 .	Evaluation & model saving	<ol style="list-style-type: none"> 1. Evaluation 2. Model saving & loading 	Mahalakshmi.S Jayakumar.V Premkumar.K Monika.D Malavika.D

5 .	Application Building	<ol style="list-style-type: none"> 1. Build a Flask Application 2. Build the HTML page & executed 	Mahalakshmi.S Jayakumar.V Monika.D Malavika.D
6 .	Train the model on IBM	<ol style="list-style-type: none"> 1. Register for IBM Cloud 2. Register for IBM watson 	Mahalakshmi.S Jayakumar.V Premkumar.K Monika.D Malavika.D