

## Project Planning Phase

### Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID07192
Project Name	Digital naturalist AI enabled toolfor biodiversity researchers

### Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1 .	Data Collection	<ol style="list-style-type: none"> <li>1. Downloading The Data</li> <li>2. Data Augmentation Structure creation</li> <li>3. Augmenting the data</li> </ol>	Arunkumar Deiveega Deepa shri
2 .	Loading data & Preprocessing	<ol style="list-style-type: none"> <li>1. Importing the libraries</li> <li>2. Make a list of paths</li> <li>3. Loading images into machine understanding</li> <li>4. Data splitting into train &amp; test</li> </ol>	Ajay Arunkumar Deiveega Deepa shri
3 .	Getting started with convolutional neural network	<ol style="list-style-type: none"> <li>1. Start ( Sequential )</li> <li>2. Add layers</li> <li>3. Building model</li> </ol>	Ajay Arunkumar Deiveega
4 .	Evaluation & model saving	<ol style="list-style-type: none"> <li>1. Evaluation</li> <li>2. Model saving &amp; loading</li> </ol>	Deepa shri Ajay
5 .	Application Building	<ol style="list-style-type: none"> <li>1. Build a Flask Application</li> <li>2. Build the HTML page &amp; executed</li> </ol>	Arun kumar Ajay
6 .	Train the model on IBM	<ol style="list-style-type: none"> <li>1. Register for IBM Cloud</li> <li>2. Register for IBM watson</li> </ol>	Ajay Deepa Shri