

Project Planning Phase
Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID15666
Project Name	Real time Communication System Powered by AI for Specially Abled

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	Dinesh K Bharath T Dinesh Kumar M
2.	Image Preprocessing	Import Image Data Generator Library and Configure it	Ajay Rahul Sahith
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	Dinesh K Bharath T Dinesh Kumar M
4.	Model Building	Import the required model building libraries	Ajay Rahul Sahith
5.	Model Building	Initialize the model	Dinesh K Bharath T Dinesh Kumar M
6.	Model Building	Add the convolution layer	Dinesh K Ajay Rahul
7.	Model Building	Add the pooling layer	Bharath T Sahith
8.	Model Building	Add the flatten layer	Dinesh Kumar M Ajay Rahul
9.	Model Building	Adding the dense layers	Dinesh K Bharath T Dinesh Kumar M
10.	Model Building	Compile the model	Bharath T Dinesh Kumar M
11.	Model Building	Fit and save the model	Dinesh K Bharath T

12	Test the Model	Import the packages and load the saved models	Dinesh Kumar M Ajay Rahul Sahith
13.	Test the model	Load the test image, pre- process it and predict	Dinesh K Bharath T Dinesh Kumar M
14.	Application Building	Build a flask application	Dinesh K Dinesh Kumar M
15.	Application Building	Build the HTML page	Bharath T Dinesh Kumar M Sahith
16.	Application Building	Output	Bharath T Dinesh Kumar M Sahith
17.	Train CNN Model on IBM	Register for IBM Cloud	Dinesh K Dinesh Kumar M Bharath T Ajay Rahul Sahith
18.	Train CNN Model on IBM	Train Image Classification Model	Dinesh K Dinesh Kumar M Bharath T Ajay Rahul Sahith