

## Project Planning Phase

### Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID31078
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	R Kirubasankar M Dineshkumar
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure it	Naveenkumar P Pradhap B
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Naveenkumar P Pradhap B
4.	Model Building	Import the required model building libraries	Kirubasankar R Dineshkumar M
5.	Model Building	Initialize the model	Naveenkumar P Pradhap B Dineshkumar M
6.	Model Building	Add the convolution layer	Naveenkumar P Dineshkumar M Pradhap B Kirubasankar R
7.	Model Building	Add the pooling layer	Kirubasankar R Dineshkumar M
8.	Model Building	Add the flatten layer	Kirubasankar M Dineshkumar M
9.	Model Building	Adding the dense layers	Naveenkumar P Pradhap B Dineshkumar M
10.	Model Building	Compile the model	Pradhap B Dineshkumar M
11.	Model Building	Fit and save the model	Kirubasankar R Dineshkumar M

12.	Test the model	Import the packages and load the saved model	Pradhap B Dineshkumar M
13.	Test the model	Load the test image, preprocess it and predict	Naveenkumar P Pradhap B
14.	Application Building	Build a flask application	Kirubasankar R Dineshkumar M
15.	Application Building	Build the HTML page	Naveenkumar P Pradhap B
16.	Application Building	Output	Naveenkumar P Dineshkumar M
17.	Train CNN Model on IBM	Register for IBM Cloud	Pradhap B Dineshkumar M
18.	Train CNN Model on IBM	Train Image Classification Model	Kirubasankar R Dineshkumar M Pradhap B