

## Project Planning Phase

### Milestone and Activity List

Date	20 October 2022
Team ID	PNT2022TMID37239
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	B Karthick KS Sharumathi Kristen M
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure it	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
4.	Model Building	Import the required model building libraries	Kristen M
5.	Model Building	Initialize the model	B Karthick KS Sharumathi Arjun Anand V
6.	Model Building	Add the convolution layer	Kristen M Deivendaran S
7.	Model Building	Add the pooling layer	B Karthick Arjun Anand V
8.	Model Building	Add the flatten layer	Deivendaran S Arjun Anand V
9.	Model Building	Adding the dense layers	Kristen M Deivendaran S Arjun Anand V
10.	Model Building	Compile the model	KS Sharumathi Kristen M
11.	Model Building	Fit and save the model	B Karthick KS Sharumathi Kristen M

12.	Test the model	Import the packages and load the saved model	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
13.	Test the model	Load the test image, pre-process it and predict	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
14.	Application Building	Build a flask application	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
15.	Application Building	Build the HTML page	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
16.	Application Building	Output	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
17.	Train CNN Model on IBM	Register for IBM Cloud	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V
18.	Train CNN Model on IBM	Train Image Classification Model	B Karthick KS Sharumathi Kristen M Deivendaran S Arjun Anand V