Project Planning Phase

Milestone and Activity List

Date	01 November 2022
Team ID	PNT2022TMID45687
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	Janapriya N
2.	Image Preprocessing	Import Image Data Generator Library and Configure it	Gayathri V
3.	Image Preprocessing	Apply Image Data Generat or functionality to Train and Test set	Shalini S
4.	Model Building	Import the required model building libraries	Kanaga O
5.	Model Building	Initialize the model	Janapriya N
6.	Model Building	Add the convolution layer	Gayathri V
7.	Model Building	Add the pooling layer	Shalini S
8.	Model Building	Add the flatten layer	Kanaga O
9.	Model Building	Adding the dense layers	Janapriya N
10.	Model Building	Compile the model	Gayathri V

11.	Model Building	Fit and save the model	Shalini S
12	Test the Model	Import the packages and load the saved models	Kanaga O
13.	Test the model	Load the test image, pre-process it and predict	Janapriya N
14.	Application Building	Build a flask application	Gayathri V Shalini S Kanaga O
15.	Application Building	Build the HTML page	Janapriya N
16.	Application Building	Output	Gayathri V
17.	Train CNN Model on IBM	Register for IBM Cloud	Shalini S
18.	Train CNN Model on IBM	Train Image Classification Model	Kanaga O