Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID06949
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	Prasanthi T Raga Varshini R Swetha T
2.	Image Preprocessing	Import Image Data Generator Library and Configureit	Akshayasri S Indhumathi S Prasanthi T Raga Varshini R
3.	Image Preprocessing	Apply Image Data Generator functionality to Train and Test set	Swetha T Akshayasri S Indhumathi S
4.	Model Building	Import the required model building libraries	Prasanthi T Swetha T
5.	Model Building	Initialize the model	Raga Varshini R Akshayasri S Indhumathi S
6.	Model Building	Add the convolution layer	Prasanthi T Akshayasri S
7.	Model Building	Add the pooling layer	Raga Varshini R Swetha T
8.	Model Building	Add the flatten layer	Indhumathi S Prasanthi T
9.	Model Building	Adding the dense layers	Raga Varshini R Swetha T Akshayasri S
10.	Model Building	Compile the model	Indhumathi S Raga Varshini R
11.	Model Building	Fit and save the model	Prasanthi T Swetha T Akshayasri S

12	Test the Model	Import the packages and load the saved models	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
13.	Test the model	Load the test image, pre- process it and predict	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
14.	Application Building	Build a flask application	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
15.	Application Building	Build the HTML page	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
16.	Application Building	Output	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
17.	Train CNN Model on IBM	Register for IBM Cloud	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S
18.	Train CNN Model on IBM	Train Image Classification Model	Prasanthi T Raga Varshini R Swetha T Akshayasri S Indhumathi S