Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID31748
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	Keerthana M Balasurya S S Sibiraj S
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	Gowthamraj V P Balasurya S S Sibiraj S
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Keerthana M Gowthamraj V P Balasurya S S Sibiraj S
4.	Model Building	Import the required model building libraries	Gowthamraj V P Keerthana M
5.	Model Building	Initialize the model	Gowthamraj V P Balasurya S S Sibiraj S
6.	Model Building	Add the convolution layer	Gowthamraj V P Keerthana M
7.	Model Building	Add the pooling layer	Gowthamraj V P Balasurya S S Sibiraj S
8.	Model Building	Add the flatten layer	Gowthamraj V P Balasurya S S Sibiraj S
9.	Model Building	Adding the dense layers	Gowthamraj V P Balasurya S S Sibiraj S
10.	Model Building	Compile the model	Gowthamraj V P Keerthana M
11.	Model Building	Fit and save the model	Gowthamraj V P Balasurya S S Sibiraj S

12.	Test the model	Import the packages and load the saved model	Gowthamraj V P Balasurya S S Sibiraj S
13.	Test the model	Load the test image, pre-process it and predict	Keerthana M Gowthamraj V P Balasurya S S Sibiraj S
14	Application Building	Building flask application	Gowthamraj V P Keerthana M
15.	Application Building	Build the HTML page	Keerthana M Sibiraj S
16.	Application Building	Output	Keerthana M Gowthamraj V P Balasurya S S Sibiraj S
17.	Train CNN Model on IBM	Register for IBM Cloud	Keerthana M Gowthamraj V P Balasurya S S Sibiraj S
18.	Train CNN Model on IBM	Train Image Classification Model	Keerthana M Sibiraj S