Project Planning Phase

Milestone and Activity List

Date	20 October 2022
Team ID	PNT2022TMID17255
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	S.Manobala U.N.Jegan S.Jawahar
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure it	S.Manobala U.N.Jegan S.Jawahar M.Manoj
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	S.Manobala U.N.Jegan S.Jawahar
4.	Model Building	Import the required model building libraries	U.N.Jegan S.Jawahar
5.	Model Building	Initialize the model	S.Manobala U.N.Jegan M.Manoj
6.	Model Building	Add the convolution layer	S.Manobala M.Manoj
7.	Model Building	Add the pooling layer	U.N.Jegan S.Jawahar
8.	Model Building	Add the flatten layer	U.N.Jegan M.Manoj
9.	Model Building	Adding the dense layers	S.Manobala U.N.Jegan S.Jawahar
10.	Model Building	Compile the model	S.Manobala U.N.Jegan
11.	Model Building	Fit and save the model	U.N.Jegan S.Jawahar M.Manoj
12.	Test the model	Import the packages and load the saved model	S.Manobala U.N.Jegan S.Jawahar M.Manoj

13.	Test the model	Load the test image, pre-process it and predict	S.Manobala U.N.Jegan S.Jawahar M.Manoj
14.	Application Building	Build a flask application	S.Manobala U.N.Jegan S.Jawahar M.Manoj
15.	Application Building	Build the HTML page	S.Manobala U.N.Jegan S.Jawahar M.Manoj
16.	Application Building	Output	S.Manobala U.N.Jegan S.Jawahar M.Manoj
17.	Train CNN Model on IBM	Register for IBM Cloud	S.Manobala U.N.Jegan S.Jawahar M.Manoj
18.	Train CNN Model on IBM	Train Image Classification Model	S.Manobala U.N.Jegan S.Jawahar M.Manoj