Project Planning Phase Milestone and Activity List

Date	28 October 2022
Team ID	PNT2022TMID35302
Project Name	Project - Real Time Communication System Powered by AI for Specially Abled

S.No	Milestone	Activities	Team Members
1	Data Collection	Create Train and Test Folders	• Prathiba D • Ramya P
2	Image Preprocessing	Import ImageDataGenerator Library and Configure	• Prathiba D • Ramya P
3	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	• Ramya P • Sendamangalam Gandhi Abhimanyu
4	Model Building	Import the required model building libraries	• Prathiba D • Rohith Kumar M
5	Model Building	Initialize the model	• Prathiba D • Sendamangalam Gandhi Abhimanyu
6	Model Building	Add the convolution layer	• Ramya P • Rohith Kumar M
7	Model Building	Add the pooling layer	• Prathiba D • Ramya P
8	Model Building	Add the flatten layer	• Rohith Kumar M • Sendamangalam Gandhi Abhimanyu
9	Model Building	Adding the dense layers	• Ramya P • Rohith Kumar M
10	Model Building	Compile the model	• Prathiba D • Sendamangalam Gandhi Abhimanyu

11	Model Building	Fit and save the model	• Ramya P • Sendamangalam Gandhi Abhimanyu
12	Test the model	Import the packages and load the saved model	• Prathiba D • Ramya P
13	Test the model	Load the test image, pre-process it and predict	• Rohith Kumar M • Sendamangalam Gandhi Abhimanyu
14	Application Building	Build the HTML page	• Ramya P • Rohith Kumar M
15	Application Building	Build a flask application	• Prathiba D • Rohith Kumar M
16	Application Building	Build a flask application - part 3	• Prathiba D • Sendamangalam Gandhi Abhimanyu
17	Train CNN Model on IBM	Register for IBM Cloud	• Prathiba D • Ramya P • Rohith Kumar M • Sendamangalam Gandhi Abhimanyu
18	Train CNN Model on IBM	Train Image Classification Model	• Ramya P • Rohith Kumar M