Project Planning Phase

MILESTONE AND ACTIVITY LIST

Date	20 October 2022
Team ID	PNT2022TMID29964
Project Name	Real -Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Project Milestone and Tasks/Activities:

Milestone	Task	Starting Date	Ending Date	Project Completion Status	Team Members
Data Collection	Create Train and Test Folders	31 Oct 2022	01 Nov 2022	10%	Nivetha Sembarythi Subha sri
Image Preprocessing	Import ImageDataGenerator Library and Configure It	01 Nov 2022	01 Nov 2022	15%	Monika Krithiksha
	Apply ImageDataGenerator Functionality to Train and Test Set	02 Nov 2022	02 Nov 2022	25%	Nivetha Sembarythi Subha sri
Model Building	Import the Required Model Building Libraries	03 Nov 2022	03Nov 2022	27%	Nivetha Subha sri Krithiksha
	Initialize the Model Add the Convolution Layer	03 Nov 2022	03 Nov 2022	30%	Krithiksha Nivetha Sembarythi Subha sri Monika

	Add the Pooling Layer Add the Flatten Layer Adding the Dense Layers	04 Nov 2022	04 Nov 2022	36%	Krithiksha Nivetha Sembarythi Subha sri Monika
	Compile the Model Fit and Save the Model	05 Nov 2022	05 Nov 2022	45%	Krithiksha Nivetha Sembarythi Subha sri Monika
Test the Model	Import the Packages and Load the Saved Model Load the Test Image, Pre-Process It and Predict	06 Nov 2022	06 Nov 2022	50%	Krithiksha Nivetha Sembarythi Subha sri Monika
Application Building	Build a Flask Application part -1	07 Nov 2022	07 Nov 2022	60%	Krithiksha Subha sri Monika
	Build a Flask Application part -2	08 Nov 2022	08 Nov 2022	70%	Krithiksha Nivetha Subha sri
	Building Flask Application -Part 3	09 Nov 2022	09 Nov 2022	80%	Krithiksha Sembarythi Subha sri
	Build the HTML Page Output	10 Nov 2022	12 Nov 2022	90%	Krithiksha Nivetha Sembarythi Subha sri Monika
Train CNN Model on **IBM**	Train image Classification Model	13 Nov 2022	16 Nov 2022	100%	Krithiksha Nivetha Sembarythi Subha sri Monika