Project Planning Phase

MILESTONE AND ACTIVITY LIST

Date	2 November 2022
Team ID	PNT2022TMID30001
Project Name	Real -Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Project Milestone and Tasks/Activities:

Mile stone No	Milestone	Task	Starting Date	Ending Date	Project Completion Status	Team Members
M1	Data Collection	Create Train and Test Folders	30 Oct 2022	31 Oct 2022	10%	Sridhar G Manoj M Prathap Singh M
M2	Image Preprocessing	Import ImageDataGenerator Library and Configure It	31 Oct 2022	01 Nov 2022	16%	Jai Surya S Sridhar G
		Apply ImageDataGenerator Functionality to Train and Test Set	02 Nov 2022	02 Nov 2022	23%	Prathap Singh M Manoj M Jai Surya S
M3	Model Building	Import the Required Model Building Libraries	03 Nov 2022	03Nov 2022	26%	Prathap Singh M Jai Surya S Sridhar G
		Initialize the Model Add the Convolution Layer	04 Nov 2022	04 Nov 2022	29%	Manoj M Sridhar G Jai Surya S Prathap Singh M

		Add the Pooling Layer Add the Flatten Layer Adding the Dense Layers	05 Nov 2022	05 Nov 2022	35%	Jai Surya S Sridhar G Manoj M Prathap Singh M
		Compile the Model Fit and Save the Model	06 Nov 2022	06 Nov 2022	40%	Prathap Singh M Manoj M
M4	**Test the Model**	Import the Packages and Load the Saved Model Load the Test Image, Pre-Process It and Predict	07 Nov 2022	07 Nov 2022	50%	Jai Surya S Manoj M Sridhar G
M5	**Application Building**	Build a Flask Application part -1	08 Nov 2022	08 Nov 2022	60%	Prathap Singh M Sridhar G Manoj M Jai Surya S
		Build a Flask Application part -2	09 Nov 2022	09 Nov 2022	70%	Sridhar G Jai Surya S Prathap Singh M
		Building Flask Application -Part 3	10 Nov 2022	10 Nov 2022	75%	Manoj M Prathap Singh M Sridhar G Jai Surya S
		Build the HTML Page Output	11 Nov 2022	12 Nov 2022	85%	Sridhar G Manoj M Prathap Singh M

| M6 | **Train CNN Model on**

IBM | Train image Classification Model | 13 Nov 2022 | 16 Nov 2022 | 100% | Manoj M
Prathap Singh M
Jai Surya S
Sridhar G |