

## Project Planning Phase

### MILESTONE AND ACTIVITY LIST

Date	20 October 2022
Team ID	PNT2022TMID33359
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
Ideation Phase	To gather/collect the relevant information on project use case, refer the existing solutions, prepare the empathy map and Ideation	29 Aug 2022	17 Sep 2022	02%	KEERTHIKA A KAVIYADHARSHINI
Project Design Phase – I	To prepare the proposed solution, problem - solution fit and solution architecture document	19 Sep 2022	01 Oct 2022	04%	MONISHA R PRABADEVI E
Project Design Phase – II	To Prepare the customer journey map, functional requirement, data flow diagrams and technology architecture diagram	03 Oct 2022	15 Oct 2022	06%	KEERTHIKA A KAVIYADHARSHINI
Project Planning Phase	To prepare the milestones & activity list and sprint delivery plan	17 Oct 2022	22 Oct 2022	08%	MONISHA R PRABADEVI E
Data Collection	Create Train and Test Folders	31 Oct 2022	01 Nov 2022	10%	KEERTHIKA A

<b>Image Preprocessing</b>	Import Image Data Generator Library and Configure It	01 Nov 2022	01 Nov 2022	15%	MONISHA R
	Apply Image Data Generator Functionality to Train and Test Set	02 Nov 2022	02 Nov 2022	25%	KAVIYADHARSHINI A
<b>Model Building</b>	Import the Required Model Building Libraries	03 Nov 2022	03Nov 2022	27%	PRABADEVI E
	Initialize the Model  Add the Convolution Layer	03 Nov 2022	03 Nov 2022	30%	KAVIYADHARSHINI A

	Add the Pooling Layer  Add the Flatten Layer  Adding the Dense Layers	04 Nov 2022	04 Nov 2022	36%	MONISHA R
	Compile the Model  Fit and Save the Model	05 Nov 2022	05 Nov 2022	45%	PRABADEVI E
<b>Test the Model</b>	Import the Packages and Load the Saved Model  Load the Test Image, Pre-Process It and Predict	06 Nov 2022	06 Nov 2022	50%	KEERTHIKA A
<b>Application Building</b>	Build a Flask Application part -1	07 Nov 2022	07 Nov 2022	60%	MONISHA R
	Build a Flask Application part -2	08 Nov 2022	08 Nov 2022	70%	KAVIYADHARSHINI A
	Building Flask Application -Part 3	09 Nov 2022	09 Nov 2022	80%	KAVIYADHARSHINI A MONISHA R
	Build the HTML Page  Output	10 Nov 2022	12 Nov 2022	90%	PRABADEVI E KEERTHIKA A

<b>Train CNN Model</b>  <b>On IBM</b>	Train image Classification Model	13 Nov 2022	16 Nov 2022	100%	KAVIYADHARSHINI A MONISHA R KEERTHIKA A PRABADEVI E
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