

Project Planning Phase
Milestone and Activity List

Date	24 October 2022
Team ID	PNT2022TMID21808
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	Mythrayan S Rajasekar G
2.	Image Pre-processing	Import Image Data Generator Library and Configure it	Mythrayan S Logavarthan T
3.		Apply Image Data Generator functionality to Train and Test set	Mythrayan S
4.	Model Building	Import the required model building libraries	Rajesh R Rajasekar G
5.	Model Building	Initialize the model	Mythrayan S Rajasekar G
6.	Model Building	Add the convolution layer	Mythrayan S Logavarthan T Rajesh R
7.	Model Building	Add the pooling layer	Rajasekar G Rajesh R
8.	Model Building	Add the flatten layer	Mythrayan S Logavarthan T
9.	Model Building	Adding the dense layers	Rajesh R
10.	Model Building	Compile the model	Rajesh R Mythrayan S
11.	Model Building	Fit and save the model	Rajesh R

12	Test the Model	Import the packages and load the saved models	Rajesh R Mythrayan S Rajasekar G Logavarthan T
13.		Load the test image, pre-process it and predict	Rajesh R Logavarthan T
14.	Application Building	Build a flask application	Rajesh R Mythrayan S Logavarthan T Rajasekar G
15.		Build the HTML page	Mythrayan S Logavarthan T
16.		Output	Rajesh R Rajasekar G
17.	Train CNN Model on IBM	Register for IBM Cloud	Rajesh R Logavarthan T Rajasekar G Mythrayan S
18.		Train Image Classification Model	Rajesh R Mythrayan S Logavarthan T
19.	Ideation Phase	Prepare Empathy map	Rajesh R
20.		Literature Survey on the selected project & information Gathering	Mythrayan S Rajasekar G
21.		Ideation	Rajasekar G Mythrayan S Rajesh R Logavarthan T
22.	Project Design Phase I	Proposed Solution	Mythrayan S
23.		Proposed Solution Fit	Rajesh R Logavarthan T
24.		Solution Architecture	Rajasekar G

25.	Project Design Phase II	Customer Journey	Rajasekar G Logavarthan T
26.		Functional Requirements	Mythrayan S Rajasekar G
27.		Data Flow Diagram	Rajesh R Logavarthan T
28.		Technology Architecture	Rajesh R Mythrayan S
29.	Project Planning Phase	Prepare Milestone & Activity List	Rajesh R Mythrayan S Rajasekar G Logavarthan T
30.	Project Development Phase	Delivery of Sprint 1	Mythrayan S Rajasekar G Logavarthan T
31.		Delivery of Sprint 2	Rajesh R Mythrayan S Rajasekar G
32.		Delivery of Sprint 3	Rajesh R Mythrayan S Rajasekar G Logavarthan T
33.		Delivery of Sprint 4	Rajesh R Mythrayan S Rajasekar G Logavarthan T