

Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID52462
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	Sivarnajni T Sugitha M Bhuvaneshwari M Privitha K
2.	Image Preprocessing	Import Image Data Generator Library and Configure it	Sivaranjani T Sugitha T Bhuvaneshwari M Privitha K
3.	Image Preprocessing	Apply Image Data Generator or functionality to Train and Test set	Sivaranjani T bhuvaneshwari M Sugitha M Privitha K
4.	Model Building	Import the required model building libraries	Privitha K Sugitha M BHuvaneshwari M Sivaranjani T
5.	Model Building	Initialize the model	Bhuvaneshwari M sivaranjani T Sugitha M Privitha K
6.	Model Building	Add the convolution layer	Sugitha M Privitha K Bhuvaneshwari M Sivarnajnai T
7.	Model Building	Add the pooling layer	Sivaranjani T Bhuvaneshwari M Sugitha M

			Privitha K
8.	Model Building	Add the flatten layer	Privitha K Sukitha M Sivaranjani T Privitha K
9.	Model Building	Adding the dense layers	Bhuvaneshwari M Sivaranjani T Sugitha M Privitha K
10.	Model Building	Compile the model	Sivaranjani T Sugitha M Privitha K Bhuvaneshwari M
11.	Model Building	Fit and save the model	Sivaranjani T Bhuvaneshwari M Privitha K Sugitha M
12.	Test the Model	Import the packages and load the saved models	Bhuvaneshwari M Sivaranjani T Sugitha M Privitha K
13.	Test the model	Load the test image, pre-process it and predict	Bhuvaneshwari M Sivaranjani t Privitha K Sugitha M
14.	Application Building	Build a flask application	Sivaranjani T Bhuvaneshwari M Privitha K Sugitha M
15.	Application Building	Build the HTML page	Sivaranjani T Sugitha M Privitha K Bhuvaneshwari M
16.	Application Building	Output	Bhuvaneshwari M Sugitha M Privitha K Sivaranjani T

17.	Train CNN Model on IBM	Register for IBM Cloud	Privitha K Sivaranjani T Bhuvaneshwari M Sugitha M
18.	Train CNN Model on IBM	Train Image Classification Model	Sivaranjani T Bhuaveshwari M Sugitha M Privitha K