

**Project Planning Phase**  
**Milestone and Activity List**

Date	24 October 2022
Team ID	PNT2022TMID29664
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	Harinesh M k Hemakumar A
2.	Image Pre-processing	Import Image Data Generator Library and Configure it	Akram S Hemamalini S
3.		Apply Image Data Generator functionality to Train and Test set	Hemamalini S Hemakumar A Harinesh M K
4.	Model Building	Import the required model building libraries	Akram S Harinesh M K
5.	Model Building	Initialize the model	Akram S Hemamalini S
6.	Model Building	Add the convolution layer	Hemamalini S Hemakumar A Harinesh M K
7.	Model Building	Add the pooling layer	Hemamalini S Hemakumar A
8.	Model Building	Add the flatten layer	Akram S Harinesh M K
9.	Model Building	Adding the dense layers	Akram S Hemamalini S
10.	Model Building	Compile the model	Harinesh M K Akram S Hemamalini S

11.	Model Building	Fit and save the model	Harinesh M k Hemakumar A
12	Test the Model	Import the packages and load the saved models	Hemamalini S Akram S
13.		Load the test image, pre-process it and predict	Hemamalini S Akram S Harinesh M k Hemakumar A
14.	Application Building	Build a flask application	Hemamalini S Harinesh M k
15.		Build the HTML page	Akram S Harinesh M K
16.		Output	Hemamalini S Akram S Harinesh M k Hemakumar A
17.	Train CNN Model on IBM	Register for IBM Cloud	Hemamalini S Akram S Harinesh M k Hemakumar A
18.		Train Image Classification Model	Hemamalini S Akram S Hemakumar A
19.	Ideation Phase	Prepare Empathy map	Hemamalini S Akram S Harinesh M k Hemakumar A
20.		Literature Survey on the selected project & information Gathering	Hemamalini S Akram S Harinesh M k Hemakumar A

21.		Ideation	Hemamalini S Akram S Harinesh M k Hemakumar A
22.	Project Design Phase I	Proposed Solution	Hemamalini S Akram S Harinesh M k
23.		Proposed Solution Fit	Hemamalini S Akram S Harinesh M k Hemakumar A
24.		Solution Architecture	Hemamalini S Harinesh M k
25.	Project Design Phase II	Customer Journey	Hemamalini S Akram S Harinesh M k Hemakumar A
26.		Functional Requirements	Hemamalini S Harinesh M k Hemakumar A
27.		Data Flow Diagram	Hemamalini S Akram S Hemakumar A
28.		Technology Architecture	Hemamalini S Harinesh M k
29.	Project Planning Phase	Prepare Milestone & Activity List	Hemamalini S Akram S
30.	Project Development Phase	Delivery of Sprint 1	Hemamalini S Akram S Harinesh M k Hemakumar A
31.		Delivery of Sprint 2	Hemamalini S Akram S Harinesh M k Hemakumar A
32.		Delivery of Sprint 3	Hemamalini S Akram S Harinesh M k Hemakumar A

33.		Delivery of Sprint 4	Hemamalini S Akram S Harinesh M k Hemakumar A
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