

### Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID39569
Project Name	Real time communication system powered by AI for specially abled

Milestone	Activities	Team members
Data Collection	Create Train and Test Folders	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH
Image Preprocessing	Import ImageDataGenerator Library and Configure it	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH
Model Building	Import the required model building libraries	R.KISHORE KUMAR J.AJITH
Model Building	Initialize the model	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH
Model Building	Add the convolution layer	R.KISHORE KUMAR J.AJITH
Model Building	Add the pooling layer	R.KISHORE KUMAR J.AJITH
Model Building	Add the flatten layer	R.KISHORE KUMAR J.AJITH
Model Building	Adding the dense layers	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH
Model Building	Compile the model	R.KISHORE KUMAR J.AJITH
Model Building	Fit and save the model	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH
Test the model	Import the packages and load the saved model	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Test the model	Load the test image, pre-process it and predict	G.HARISH KUMAR B.MOHAMED WASEEM

		R.KAMALESH R.KISHORE KUMAR J.AJITH
Application Building	Build a flask application	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Application Building	Build the HTML page	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Application Building	Output	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Train CNN Model on IBM	Register for IBM Cloud	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH
Train CNN Model on IBM	Train Image Classification Model	G.HARISH KUMAR B.MOHAMED WASEEM R.KAMALESH R.KISHORE KUMAR J.AJITH