

# MILESTONE ACTIVITY PLAN

## Project Planning Phase Project Planning Template (Milestone Activity)

Date	29 Oct 2022
Team ID	PNT2022TMID322000
Project tittle	Real time communication powered by AI for specially abled person

Milestone	Function (Epic)	Milestone  Story Number	Story / Task
Milestone 1	Data collection	M1	we're collecting dataset for building our project and creating two folders, one for training and another one for testing.
Milestone 2	Image preprocessing	M2	Importing image data generator libraries and applying image data generator functionality to train the test set.
Milestone 3	Model building	M3	Importing the model building libraries, Initializing the model, Adding Convolution layers, Adding the Pooling layers, Adding the Flatten layers, Adding Dense layers, Compiling the model Fit and Save the model.
Milestone 4	Testing the model	M4	Import the packages first. Then we save the model and Load the test image, preprocess it and predict it.

<b>Milestone 5</b>	<b>Application layer</b>	<b>M5</b>	<b>Build the flask application and the HTML pages.</b>
<b>Milestone 6</b>	<b>Train CNN model</b>	<b>M6</b>	<b>Register for IBM Cloud and train Image Classification Model.</b>
<b>Milestone 7</b>	<b>Final result</b>	<b>M7</b>	<b>To ensure all the activities and resulting the final output.</b>

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