

Project Planning Phase
Project Planning Template (Milestone Activity)

Date	27 October 2022
Team ID	PNT2022TMID00379
Project Name	Real Time Communication System Powered By AI For Specially Abled

Milestone Activity Plan.

Milestone	Function (Epic)	Story / Task
Milestone -1	Data Collection	we're collecting dataset for building our project and creating two folders, one for training and another one for testing.
Milestone-2	Image preprocessing	Importing image data generator libraries and applying image data generator functionality to train the test set.
Milestone-3	Model Building	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	Import the packages first. Then we save the model and Load the test image, preprocess it and predict it.
Milestone-5	Application layer	Build the flask application and the HTML pages.
Milestone-6	Train CNN model	Register for IBM Cloud and train Image Classification Model.
Milestone-7	Final result	To ensure all the activities and resulting the final output.