

Project Planning Phase

Project Planning Template (Milestone & Activity Plan)

Date	8 November 2022
Team ID	PNT2022TMID22447
Project Name	Project - Real Time Communication System Powered by AI For Specially Abled

Milestone Activity Plan:

Milestone	Function(Epic)	Milestone Story Number	Story/Task
Milestone-1	Data collection	M1	Collecting the dataset for building the project which contains two sets testing and training.
Milestone-2	Image Pre-processing	M2	Importing image data generator libraries and applying image data generator functionality to train the test data set.
Milestone-3	Model Building	M3	Importing the model building libraries, initializing the model, Adding convolution layers, Adding 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 initially and then save the model and load the test image, Pre-process it and predict it.
Milestone-5	Application Building Layer	M5	Build the flask application and HTML pages.

Milestone-6	Train CNN Model	M6	Register for IBM cloud and train image classification model.
Milestone-7	Final Output	M7	To ensure all the activities and resulting the final output as a web application suitable for deaf and dum people.