

MILESTONEACTIVITYPLAN

ProjectPlanningPhase ProjectPlanningTemplate (MilestoneActivity)

Date	26October2022
TeamID	PNT2022TMID37233
ProjectName	Real-Time Communication System PoweredByAIForSpeciallyAble

MilestoneActivityPlan.

Milestone	Function(Epic)	Milestone StoryNu mber	Story /Task
Milestone1	Datacollection	M1	we're collecting dataset for building ourproject and creating two folders, one fortrainingandanotheronefor testing.
Milestone2	Imageprepro cessing	M2	Importingimagedatageneratorlibrariesan d applying image data generatorfunctionalitytotrainthe test set.
Milestone3	Modelbuilding	M3	Importing the model building libraries,Initializing the model, Adding Convolutionlayers, Adding the Pooling layers, Addingthe Flatten layers, Adding Dense layers,Compiling the model Fit and Save themodel.
Milestone4	Testing the model	M4	Import the packages first. Then we savethemodelandLoadthetestimage,prep rocess it andpredict it.
Milestone5	Applicationlayer	M5	Build the flask application and the HTMLpages.
Milestone6	Train CNN model	M6	Register forIBMCloudandtrainImageClassification Model.
Milestone7	Finalresult	M7	To ensure all the activities and resultingthefinaloutput.

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