Milestone Activity Planning

Project Planning Phase Project Planning Template
(Milestone Activity)

Date	9 the November 2022
Team ID	PNT2022TMID22143
Project Name	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	In order to develop our project, we are gathering data and generating two folders one for training and the other for testing.
Milestone 2	Image preprocessing	M2	Importing libraries for image data generators and using their features to train the test set.
Milestone 3	Model building	M3	Importing the model-building libraries, setting up the model , Including Convolution layers, Flatten layers, Dense layers, Putting the model together, fitting it, and saving it.
Milestone 4	Testing the model	M4	first import the packages. The test image must then be loaded, preprocessed, and predicted before the model can be saved.
Milestone 5	Application layer	M5	Develop the HTML pages and the Flask application.
Milestone 6	Train CNN model	M6	Register for IBM Cloud and train Image Classification Model.
Milestone 7	Final result	M7	To ensure all the activities are done and the final output is derived

MILESTONE ACTIVITY PLAN

Real-Time Communication System Powered by AI for Specially Abled

DATA COLLLECTION

Collecting Dataset for Project Building
Technology Used : MySQL & NoSQL

IMAGE PROCESSING

Importing the image libraries
Technology Used : JAVA & PYTHON
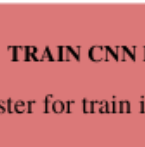
MODEL BUILDING

Importing the model building libraries

TESTING THE MODEL

Load the test model image, preprocessing and predict it.
Technology Used : Machine Learning, CNN & RNN

APPLICATION LAYER

Building flask application

TRAIN CNN MODEL

Register for train image classification

FINAL RESULT

Ensure all activities & getting final output