PROJECT FLOW

DATE	16 NOVEMBER 2022
TEAM ID	PNT2022TMID25508
PROJECT NAME	A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION.

Project Flow:

- o The user can upload the image as input

- o By using Artificial Neural Network based Handwritten Text Recognition (HTR) model the uploaded image is analyzed by the model which is integrated

- o Once the model analyses the uploaded image, the prediction is showcased on the UI

To accomplish this, we have to complete all the activities and tasks listed below
Understanding the data:

Importing the required libraries used in python

Loading the required data

Analyzing the uploaded data

Reshaping the uploaded data.

Applying One Hot Encoding

Model Building:
Creating the model and adding the input, hidden and output layers.

Compiling the model.

Training the model.

Predicting the result

Testing the model by taking image inputs

Saving the model

Application Building

Create an HTML file for front end

Build Python Code