**Project Flow**

Team ID

: PNT2022TMID28652

Project Name : A novel method for handwritten digit recognition System.

Project Flow:

* The user interacts with UI ( User Interface) to upload the image as input.
* The uploaded image is analyzed by the model which is integrated.
* 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
  + Loading the data o Analyzing the data o Reshaping the data. o

Applying One Hot Encoding

* Model Building o Creating the model and adding the input, hidden and output layers to it o Compiling the model o Training the model o Predicting the result
  + Testing the model by taking image inputs o Saving the model
* Application Building o Create an HTML file o Build Python Cod