|  |  |
| --- | --- |
| Team ID | PNT2022TMID06491 |
| Project Name | A Novel for Handwritten Digit Recognition System |

# Project Flow:

* The user interacts with the 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
  + Analyzing the data
  + Reshaping the data.
  + Applying One Hot Encoding
* Model Building
  + Creating the model and adding the input, hidden and output layers to it
  + 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
  + Build Python Code