

# Project Flow

TEAM ID	PNT2022TMID10088
PROJECT NAME	A Novel Method for Hand Written Digit Recognition

## Project Flow:

- To submit the image for input, the user interacts with the user interface (UI).
- The model that is integrated examines the uploaded image.
- The prediction is displayed on the UI following the model's analysis of the uploaded image.

**We must finish all of the projects and tasks on the following list in order to achieve this:**

### ❖ **Recognizing the information:**

- o Bringing in the necessary libraries
- o Data loading,
- o Analyzing
- o Reshaping are all examples of data processing.
- o Using a Single Hot Encoding

### ❖ **MODEL CONSTRUCTION :**

- o Creating the model and adding input, hidden, and output layers to it
- o Compiling the model
- o Training the model
- o Predicting the outcome
- o Testing the model with picture inputs
- o Saving the model
- o Produce an HTML document
- o Write Python code