

Project Flow

TEAM ID	PNT2022TMID20820
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