Project Flow

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Project Name: A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

Project Flow:

- The user can enter the image via upload.
- By utilising a Handwritten Text Recognition (HTR) model based on artificial neural networks.
- The model that is integrated analyses the uploaded image.

- To do this, we must finish all the actions and tasks given below. After the model analyses the uploaded image, the prediction is displayed on the UI.

Understanding the data.

1. Importing the required libraries used in python.
2. Loading the required data.
3. Analyzing the uploaded data.
4. Reshaping the uploaded data.
5. Applying One Hot Encoding.

Model Building

1. Creating the model and adding the input, hidden and output layers to it.
2. Compiling the model.
3. Training the model.
4. Predicting the result.
5. Testing the model by taking image inputs.
6. Saving the model.

Application Building

1. Create an HTML file for front end.
2. Build Python Code.