

Project Flow

Team ID	PNT2022TMID50515
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Project Name	A Novel method 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 analysed 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
- Analysing the data
- Reshaping the data.
- Applying One Hot Encoding
- Model Building

Model Building

- Creating the model and adding the input, hidden and output layers 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