

PROJECT FLOW

TEAM ID	PNT2022TMID33418
PROJECT NAME	A NOVEL METHOD FOR HANDWRITTEN DIGITIT 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
- 🔧 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