

## Project Design Phase-I Solution Architecture

Team ID	PNT2022TMID30607
Project Name	Project – A Novel Method For Handwritten Digit Recognition System
Maximum Marks	4 Marks

### Project Description:

Every people has their own writing style, handwriting detection is one of the most intriguing research projects now underway. It is the computer's capacity to automatically recognise and understand handwritten figures or letters. Because of advances in science and technology, everything is being digitalized in order to reduce human effort. As a result, handwritten digit identification is required in many real-time applications. The MNIST data collection, which contains 70000 handwritten digits, is commonly employed in this recognition process. To train these photos and create a deep learning model, we use artificial neural networks. A web application is developed that allows the user to upload an image of a handwritten digit.

### Solution Architecture Diagram:

