Project Design Phase-I
Solution architecture

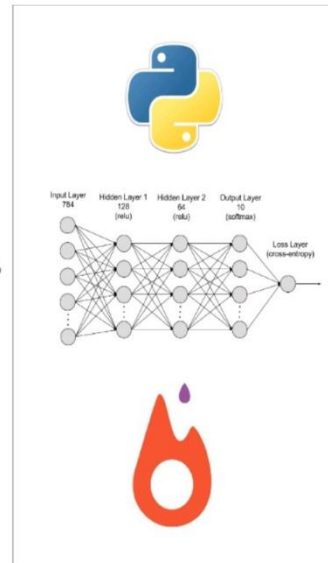| Date	8 October 2022
Team ID	PNT2022TMID39129
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	4 Marks

SOLUTION ARCHITECTURE
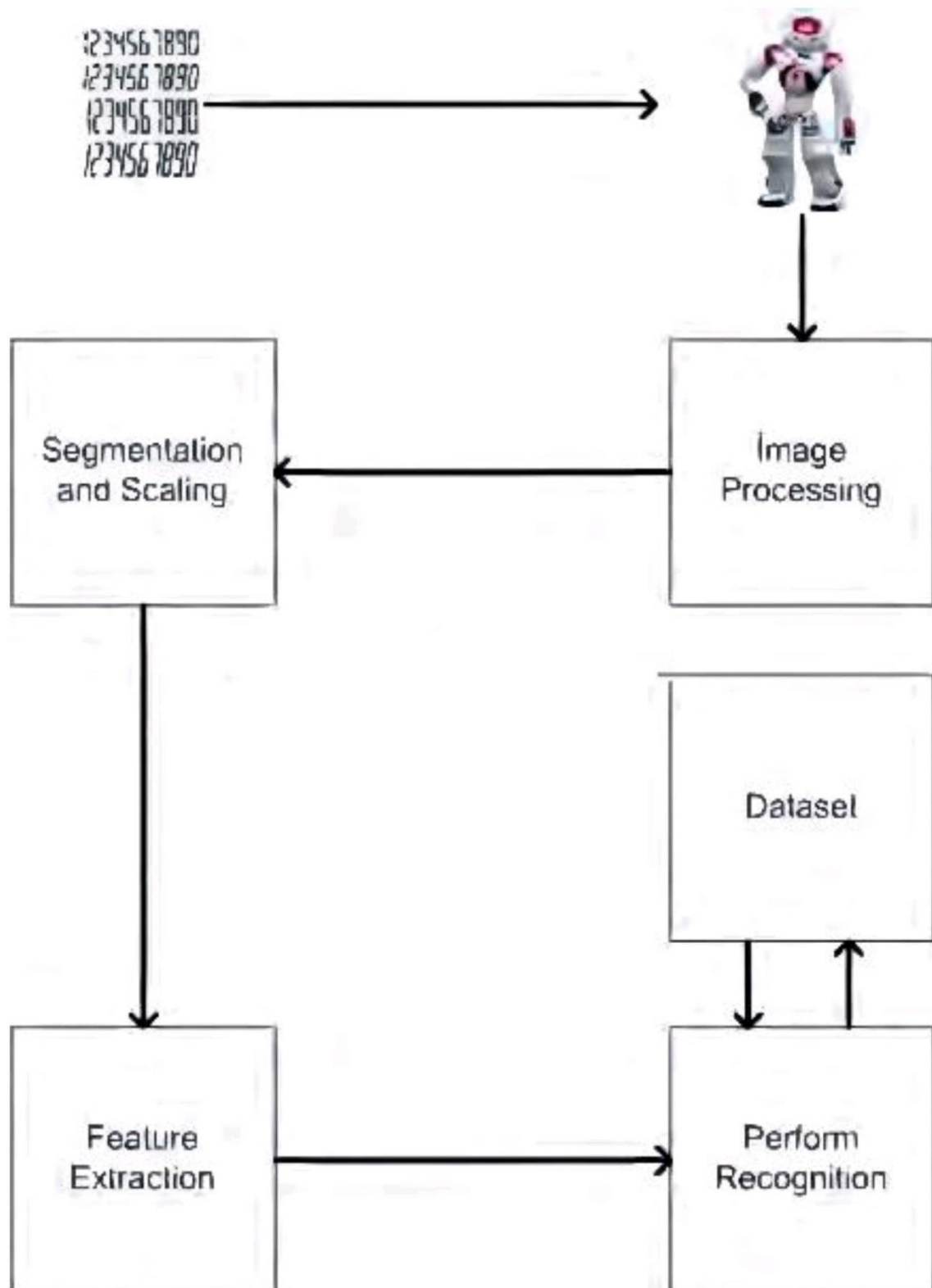
MNIST dataset processing with python

Overall architecture

MNIST Dataset

Train Data

Data Preprocessing

Test Data

CNN Algorithm

Classification

Evaluation

Correctly classified or not

No

Yes

Model

Make Prediction and display results in the UI

Inputs fed into the model

User Inputs

UI