

Team ID	PNT2022TMID23253
Project Name	A Novel Method for Handwritten Digit Recognition System

Compiling the Model

```
In [78]: model = Sequential()  
model.add(Conv2D(64, (3, 3), input_shape=(28, 28, 1), activation="relu"))  
model.add(Conv2D(32, (3, 3), activation="relu"))  
model.add(Flatten())  
model.add(Dense(number_of_classes, activation="softmax"))
```

```
In [79]: model.compile(loss='categorical_crossentropy', optimizer="Adam", metrics=["accuracy"])
```