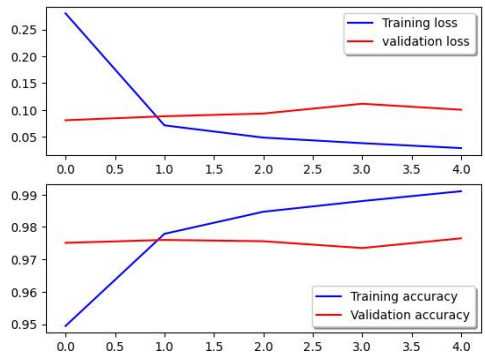


Project Development Phase Model Performance Test

Team ID	PNT2022TMID27693
Project Name	A Novel Method For Handwritten Digit Recognition System.

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary		<pre>metrics = model.evaluate(x_test, y_test, verbose=0) print("Metrics (Test loss &Test Accuracy) : ") print(metrics)</pre> <p>Metrics (Test loss &Test Accuracy) : [0.09330402314662933, 0.9800000190734863]</p>
2.	Accuracy	<p>Training Accuracy - 99%</p> <p>Validation Accuracy - 97%</p>	 <p>The top graph displays the loss function over 4 epochs. The training loss starts at 0.25 and decreases to 0.05, while the validation loss starts at 0.08 and increases to 0.10. The bottom graph displays the accuracy function over 4 epochs. The training accuracy starts at 0.95 and increases to 0.99, while the validation accuracy starts at 0.97 and increases to 0.98.</p>