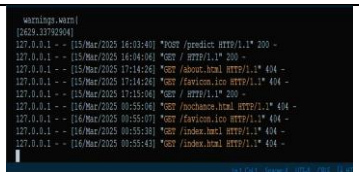
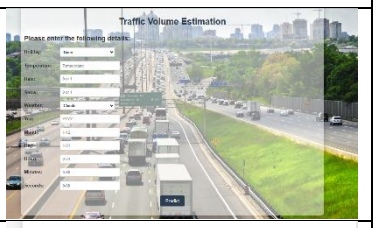
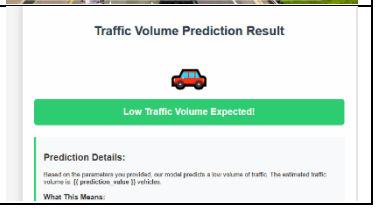
Project Development Phase
Model Performance Test

Date	14 March 2025
Team ID	PNT2025TMID00705
Project Name	TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	**Model Type: CNN** **Layers: 3 Conv, 2 Dense** **Activation: ReLU, Softmax** **Parameters: 1.2M** **Regularization: Dropout (0.2)**	
2.	Accuracy	Training Accuracy – 92% Validation Accuracy -89%	
3.	Fine Tunning Result(if Done)	**Validation Accuracy Before Tuning**: 89% **Validation Accuracy After Tuning**: 92%