Thesis Progress/Update Report

Rolls: Names:

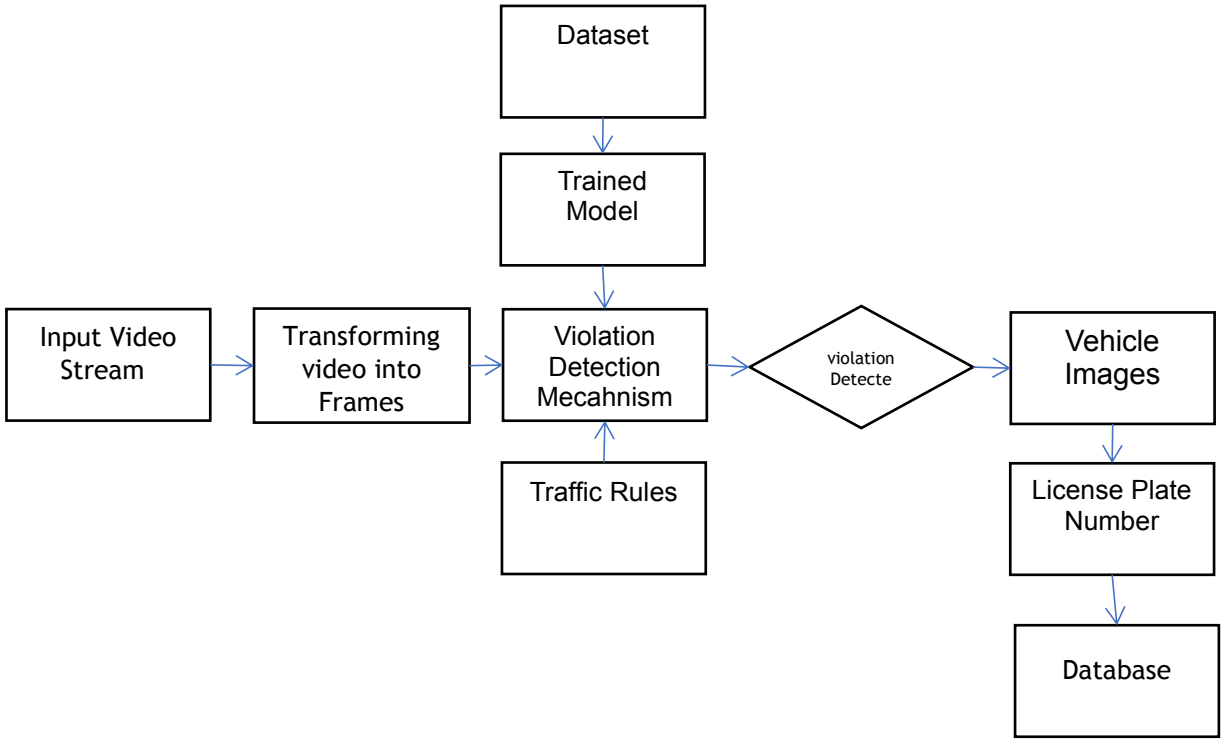
Tentative Titles: [Having Problem and Method]

Title 1: Traffic Rules Violation Detection using YOLOv5 and OpenCV

Title 2:

Title 3:

A. Proposed Methodology with Graphical Representation:



Novelty or Significant Points of The Proposed Model:

1.

2.

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C. List of related Good Quality Articles in Solving the Same or Similar Problem with different methods. [10 to 20 Articles]

Answer Hints:

Sl.	Ref. and Year [Inverse]	Article Title	Method Name	Name of the Journal	Volume, Issue and Page
Example	Akhand et al, 2021[1]	Physarum-inspired bicycle lane network design in a congested megacity	Physarum	Applied Science	Vol: 11 Issue: 15 Page:
1	Tonge et al. 2020[1]	Traffic Rules Violation Detection using Deep Learning		IEEE	
2	Franklin et al. 2020[2]	Traffic Signal Violation Detection using Artificial Intelligence and Deep Learning		IEEE	
3	Zhaoyang et al. 2020[3]	A motion based object detection method			
4	Hou et al. 2020[4]	Video road vehicle detection and tracking based on OpenCV			
5					

D. List and Notes of Articles Closely Related to Our Method [3 to 5 Articles]

Answer Hints:

Sl.	Ref. and Year	Article Title	Method Name	Name of the Journal	Volume, Issue and Page
R1	Tonge et al. 2020[1]	Traffic Rules Violation Detection using Deep Learning			
R2	Franklin et al. 2020[2]	Traffic Signal Violation Detection using Artificial Intelligence and Deep Learning			
R3					
R4					
R5					

Identification of difference or significance of our method comparing with individual ones:

Comparison and Construct with respect to R1:

Comparison and Construct with respect to R2:

References:

[1] M. A. H. Akhand, M. A. Habib, M. A. S. Kamal, and N. Siddique, “Physarum-inspired bicycle lane network design in a congested megacity,” *Appl. Sci.*, vol. 11, no. 15, 2021, doi: 10.3390/app11156958.