

Final Report

Planning Group

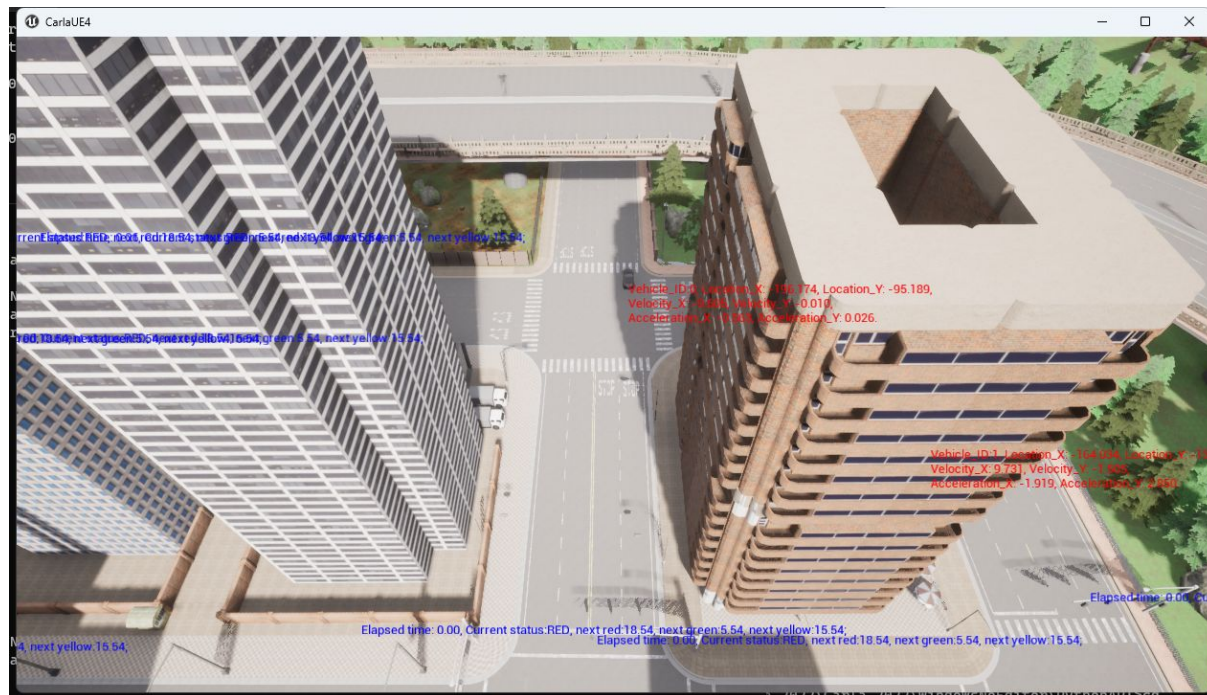
Group Leader: Yifan Yao

Group Member: Binrui Yang, Yingwei Song, Yujie Wei

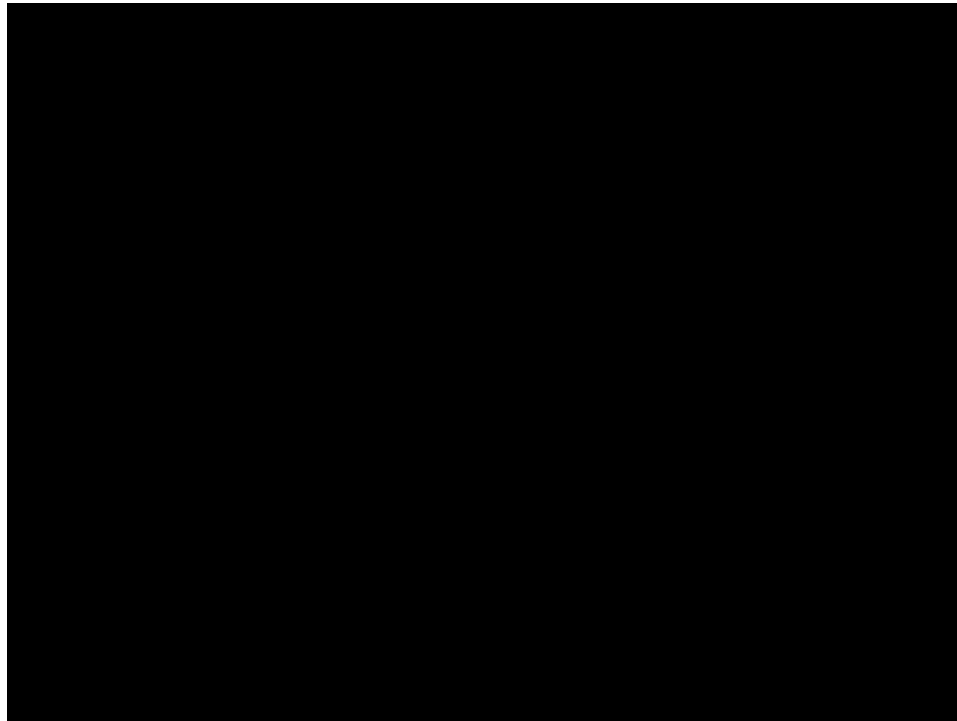
Tasks

1. Visualization for Car Information and traffic information
2. Paper review(traffic light optimization work)

Final Outcome



Final Outcome



Limitation

Global information panel

trafficL-ID	Curr_status	Next Red	Next Green
1	red	20	3
2	green	3	13
3	green	4	12
4	red	15	3
5	red	13	3
6	red	10	4

1. Slow update
rate(animation, csv...)
2. Low performance
3. Each traffic light might
have a constant break
interval time*

Paper Review

An Intelligent Traffic Light scheduling algorithm through VANETs

M. Bani Younes and A. Boukerche, "An Intelligent Traffic Light scheduling algorithm through VANETs," *39th Annual IEEE Conference on Local Computer Networks Workshops*, 2014, pp. 637-642, doi: 10.1109/LCNW.2014.6927714.

Thanks