

Traffic Simulator: Analysis Report

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1 Introduction

2 System Proposal

This section briefly covers what system should be able to do and how would it react on different scenerios.

2.1 Functional Requirements

This section covers the most important necessities of software. These basic princibles are required

2.1.1 Visualization of Data

Vizualization is a porblem

2.1.2 Custimization of Source

2.1.3 Real Time Display

2.2 Nonfunctional Requirements

2.2.1 Usability

2.2.2 Performance

Performance may be a bottleneck on Python. But most of the simulation constrains will be calculated on preprocessing, therefore the impact of Python to performance wont be high.

2.2.3 Availability

2.2.4 Data Integrity

3 System Models

4 Glossary

Python A high level programming language that is mostly used on data analytics, machine learning and other high level fields. 3