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City Traffic Simulation

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OVERVIEW

Configuring roads and crossings in a city is not an easy job, especially when you take into account the pedestrian flow and traffic during rush hour and any other element that might affect traffic.

A city planner would have much easier time doing that job if they somehow had a way to simulate reality into a virtual world, where they can make their own roads and test out different scenarios to optimize traffic.

This is why our team -Hyena Crossing- is proposing to build a software solution to your company. We are a team of young innovative software willing to build a city traffic simulation app. Using this app. A city planner will be able to configure roads, traffic signs and crossing to test out how the traffic movement would play out in real life.

CORE PROBLEM

The main problem we're trying to solve with our project is dissolving real life traffic jams (especially during rush hours) by finding the optimal configuration of roads/crossings/traffic signs.

GOAL

To build a city traffic simulation software that can be used to optimize traffic in real life.

TIMLINE

This project is estimated to be done within 20 weeks timeframe.

MEASURES OF SUCCESS

We consider our project to be successful if:

1. We provided the application promised on time, bug-free and with no runtime errors.
2. We met all the requirements specified by our client, including documentation and non-deliverables.