
Traffic Light System

03

Strategy

Focus areas

The main division of work:

→ Frontend Development

- Arduino Development
- Backend Development
- Physical Layout Development

How the focus areas support objectives

Some of the goals summarized:

- Hardware connected and working output/input
- Application: user interface
- 3D printed material
- Running server
- Connections and Assembly

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Key initiatives

Frontend Developer

Member →

Nicolý Nogueira Lima

Description

Expected outcomes

Application

- Visualization of Intersection

Arduino Developer

Member →

Andy Huynh

Description

Expected outcomes

Arduino Code and Hardware

- Passing on and displaying input/output

Backend Developer

Member →

Ken Lam

Description

Expected outcomes

Server

- Connection point between microcontroller and application

Physical Layout Developers

Members →

Yonathan Temiess

Zhaomei Deng

Description

Expected outcomes

Plan for layout and 3d printing

- Physical simulation of intersection