

# Thoroute

**PLAN YOUR BUS ROUTES, SMARTER**

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# HOW IT WORKS

# How it works

## O1 Gathering

Huge amounts of data across hundreds, if not thousands of public transport buses are collected and sorted

## O2 Analyzing

The algorithm then analyzes the bus' validity by considering all the factors that were gathered. The primary algorithm is applied to figure this out

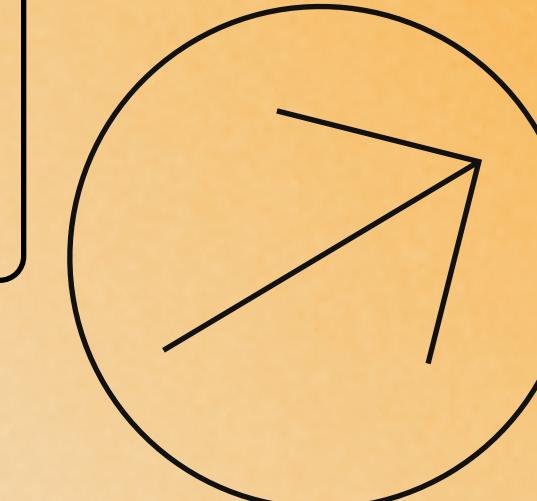
## O3 Rerouting

After analyzing, each bus is given a specific quality rating. Based on this rating, the buses would be automatically rerouted

## O4 Deployment

This analysis is done for all buses that are currently active and a routemap is created from scratch to be deployed by a human employee

## O5 Manual Verification





# FEATURES

### What all do we plan to encompass?

Our final target is to make a viable product that public transport agencies can use to simplify their decision making process for deploying buses and other transport systems

**instant results**

ALGORITHMICALLY GENERATED

**better predictions**

LARGE DATABASE ENSURES ACCURACY

**easy to use**

MAJOR TASKS AUTOMATED



**Web-App**



**Easy management**



**Open-Source**

ALTERNATIVES

### **Does such a product already exist?**

**Based on the research that we've done. Next to no similar products exist that is capable of replicating our functionality. Even if such a product exists, it's held within private industries and sectors.**

**Thoroute aims to always remain open-source and free for everyone to use and improve upon. Its codebase relies on newer and simpler technologies enabling it to be easily understood, even by beginners**

# TECH STACKS

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## Frameworks and CMS

 ANGULAR

 REACT.JS

 NODE.JS

 FLUTTER

 WORDPRESS

## Programming/ scripting

 HTML5

 CSS3

 JAVASCRIPT

 KOTLIN

 XML

 PYTHON

## DB

 SQL

 NOSQL:  
MONGODB

## Version control tools



GIT

## Design/motion



FIGMA



ADOBEE PHOTOSHOP



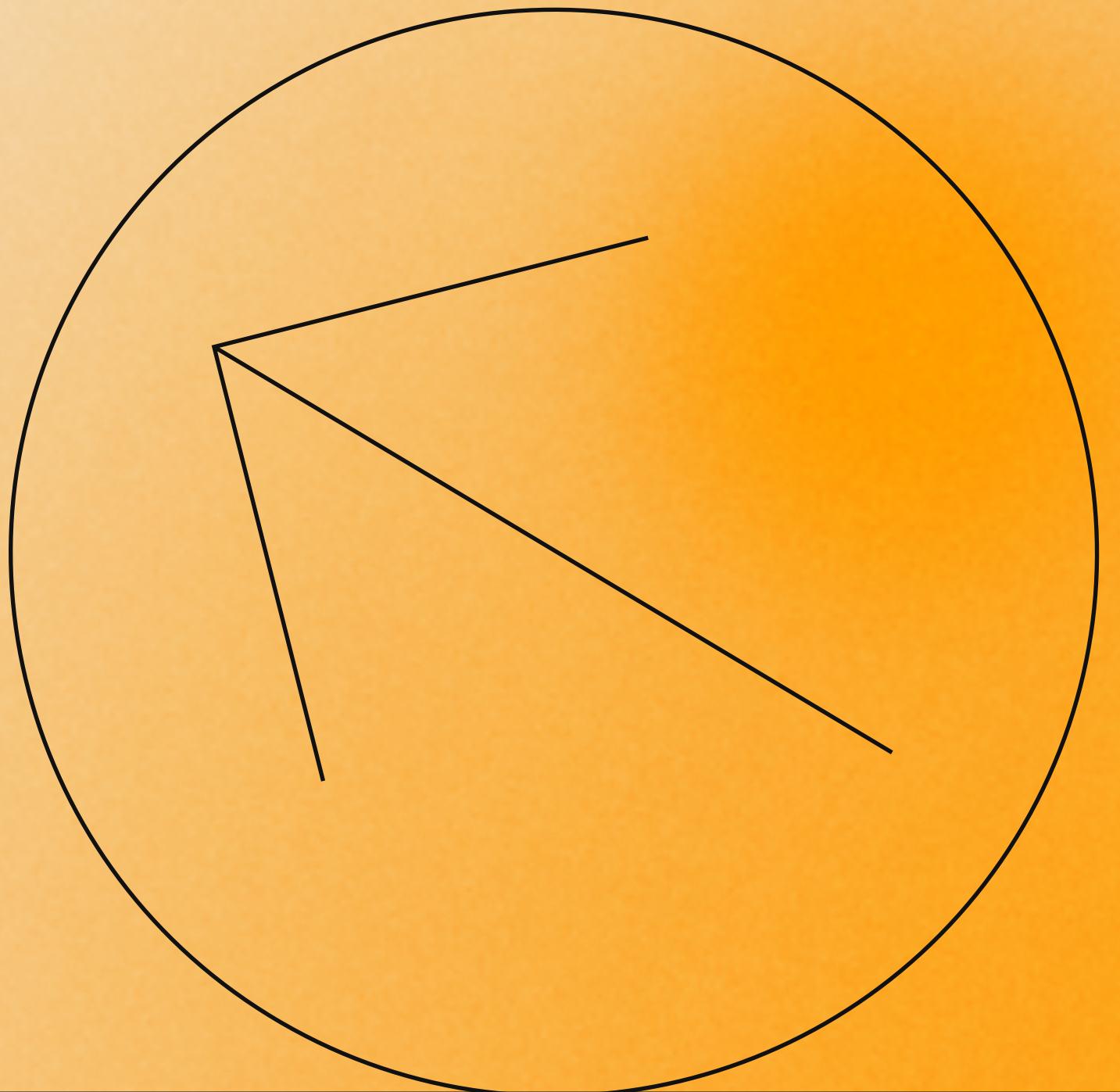
ADOBEE ILLUSTRATOR



ADOBEE AFTER EFFECTS



FRAMER



Thank You!

Meaner

Leaner

Stronger

**WE CREATE THE BEST  
SOLUTIONS FOR YOU,  
TO PROVE ONCE AGAIN,  
YOUR SUPERIORITY.**

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