

# Simulations for Transportation Policy Modeling

Policies are a by-product of decisions taken over a long period of years

## LEADING TO...

**Vague, Inconsistent, Ambiguous, and Ineffective policies**

## OUR PROJECT

aims to create a simulation tool that helps visualize these policy gaps allowing stakeholders to...

- ✓ view policy gaps
- ✓ view current state of public transportation
- ✓ simulate a better and more sustainable future

01

### SYSML MODELING

Modeling WRTA Policies  
Policy Toxicity



02

### XML PARSER

Python Parser to create  
lists of various gaps in  
policies

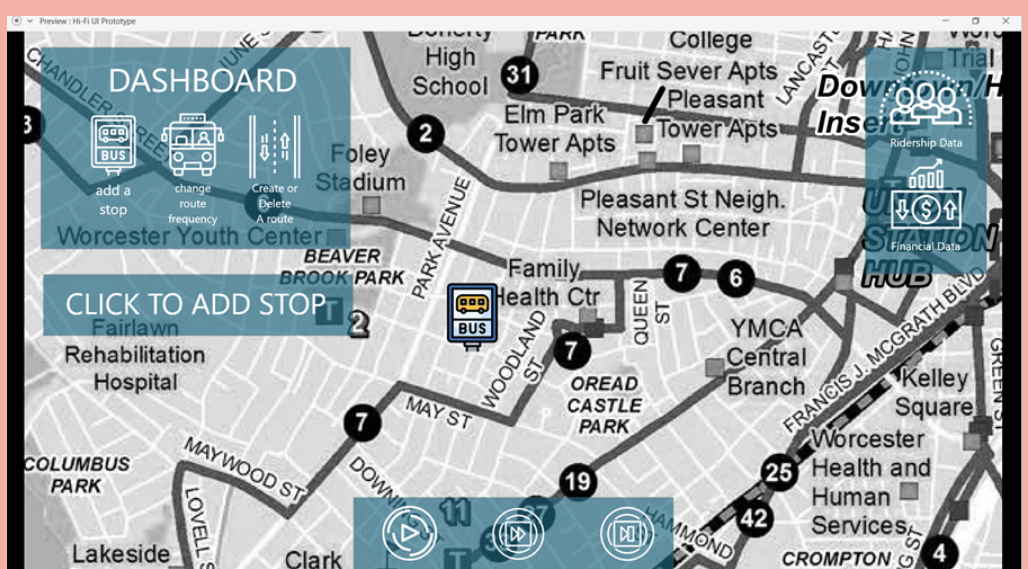


03

### COMPLEX SIMULATIONS

Unity Simulation  
Worcester Bus Routes,  
Stops, frequency, etc.

Prototype v1.0



Created using Adobe XD