


# Global Transportation Investment Analysis

Group 23


Aaron Gold, Jimmy Kong,  
Abbie Murphy, and Emily Szabo

COSI 116A - Prof. Dylan Cashman, Brandeis University

# Problem Statement



*Public transportation systems across the globe face significant challenges in efficiency, accessibility, and quality. These challenges can be addressed through countries with inefficient systems using countries with successful transportation systems as guides for improvement.*



# Interview Results

## Population of Country

- Larger countries have more passengers
- Made data “per capita”

## Access to Rails

- Ease of access should be priority
- Tracked in “Density” and “Access Measures” metrics



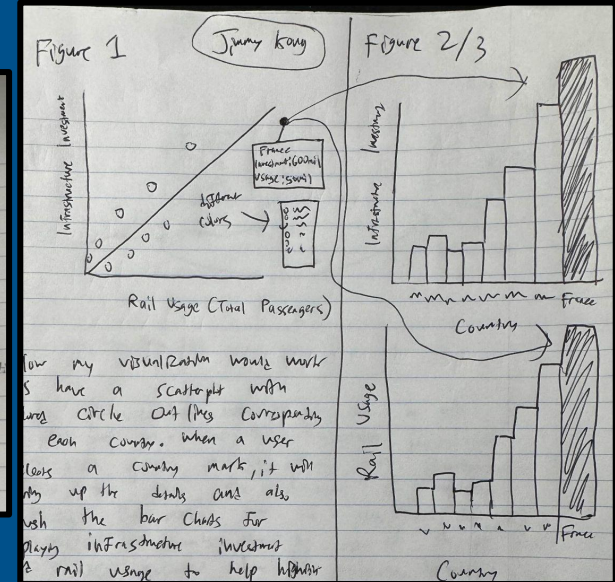
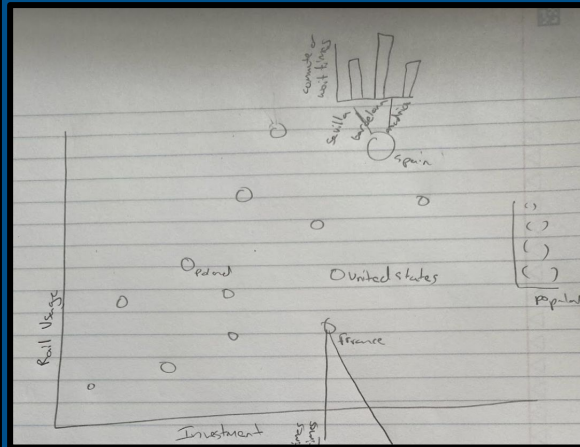
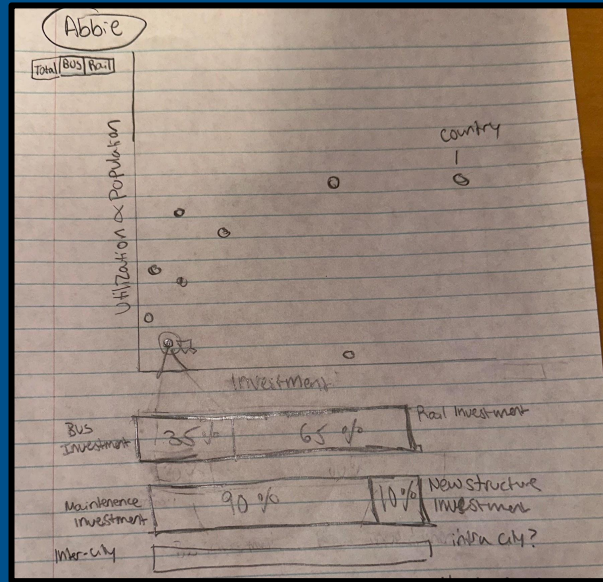
# Data Description

Data collected from 2019-2022

- Quantitative
  - Countries Selected
  - Population (2022)
  - Infrastructure Investment (2022)
  - Maintenance Investment (2022)
- Qualitative Ratings
  - Quality (2019)
  - Access (2020)
  - Density (2021)

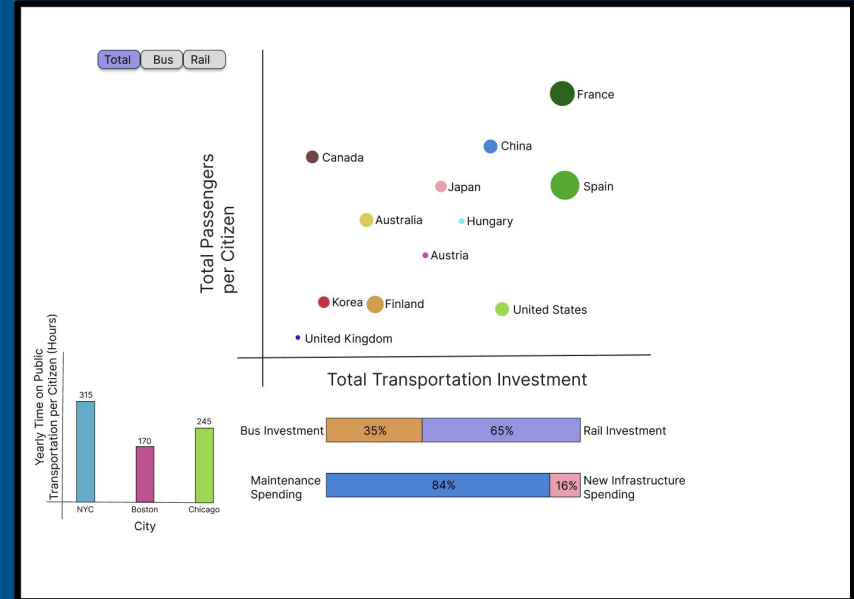
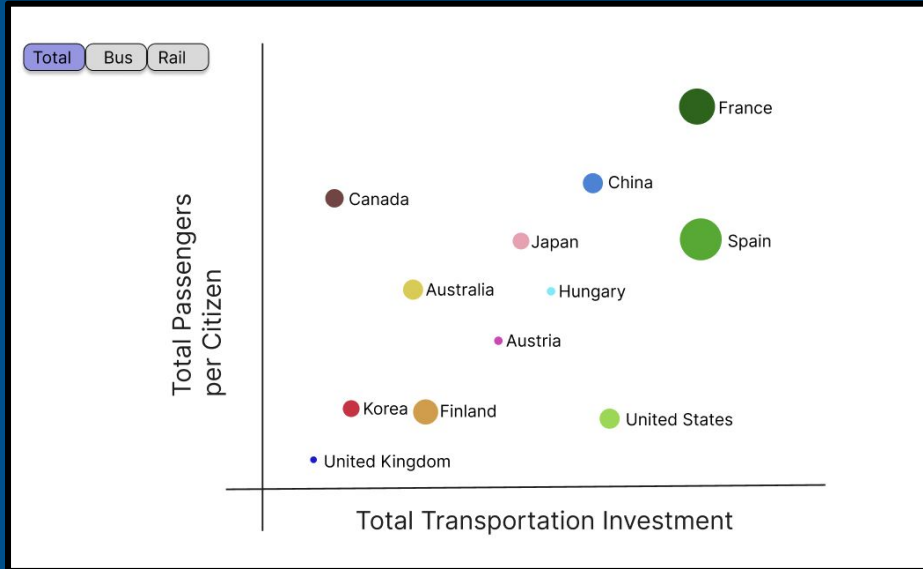
# Sketches and Designs

## Final Sketch



# Sketches and Designs

## Final Mock-Up



# Live Demo