City Safe

Safer Together :)

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The Problem

Crime rates in Toronto increased by 17.2% in 2022

- Assault: 9.8% increase
- Auto Theft: 44.2% increase
- Break and Enter: 6.5% increase
- Robbery: 28.5% increase
- Sexual Assault: 11.3% increase
- Theft: 35.8% increase

66% of Ontario residents are more cautious of their surroundings amid the occurrence of recent incidents

Understanding the Problem

How do we reduce the occurrence of incidents?

By increasing awareness of incidents and providing community members with the resources that will help them avoid dangerous areas.
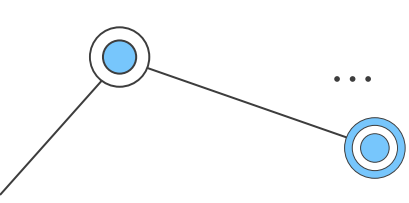
How do we alert members of the community?

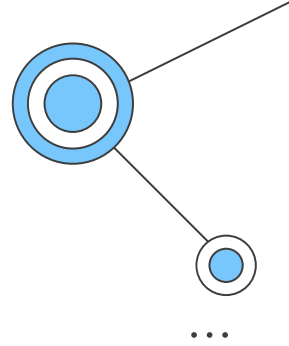By presenting reliable and accurate crime data in a digestible format.

How do we present information clearly?

With clear, concise, and accurate data visualization.

Our Solution

Introducing CitySafe

What is CitySafe?

CitySafe is a web-based application that displays a colour coded map that indicates the safety of an area based on the severity of recent crimes committed within their borders.

How does it work?

By utilizing data from the Toronto Police Service and Ontario's judicial system, CitySafe assigns a severity level to each crime category. These levels are then used to generate a safety rating for each of Toronto's sectors.

What are its features?

Features include:
- The CitySafe Map
- Incident Report System
- Crime Statistics Page

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Introducing CitySafe

Why Data from the Toronto Police Service?

By using data from the Toronto Police Service, CitySafe is able to:
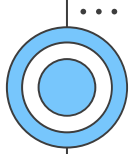
- Gather accurate and up-to date information regarding serious crimes
- Filter and categorize data more easily

Why have a separate Incident Reporting System?

By having a separate reporting system, we can:

- Introduce more ways for the community to instantly report incidents
- Reduce the instance of unreported crimes
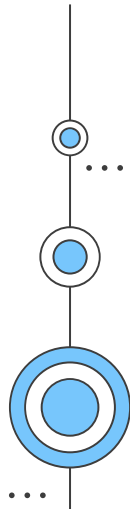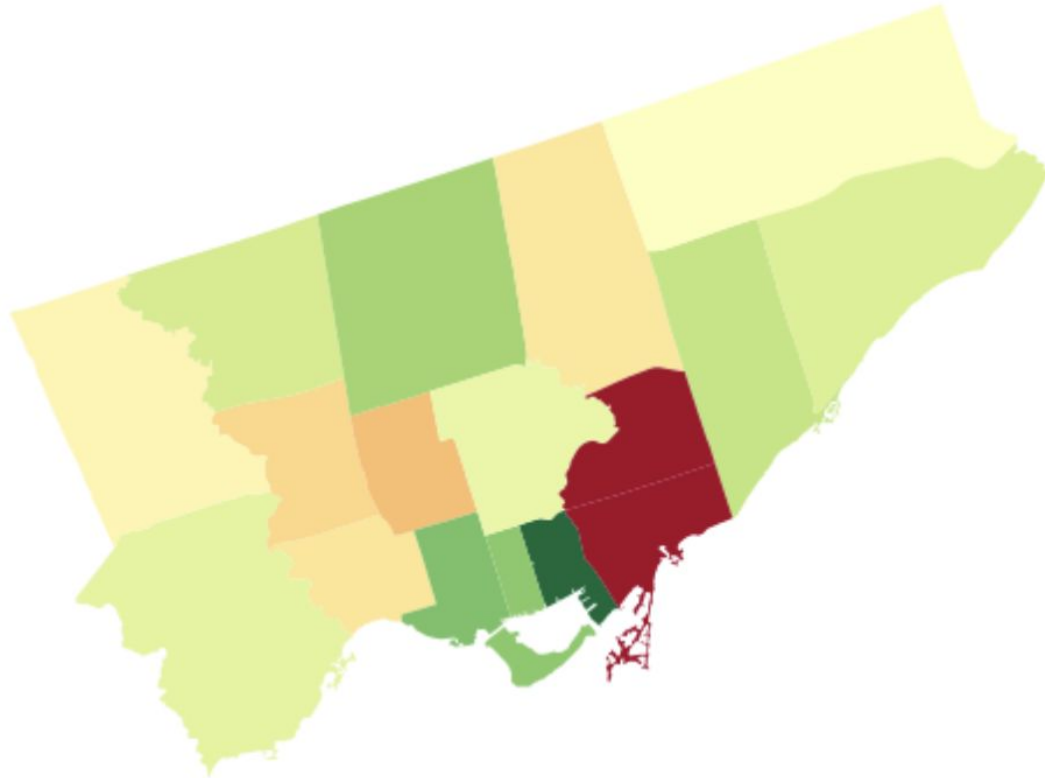- Increase Community-Based awareness and support

CitySafe Map

The CitySafe Map is a Map that can easily tell its user how safe an area of Toronto is by having a heat map of colours based on the severity the crimes committed.

It has four main colours indicating level of severity
- Green: Areas indicated in Green have little to no incident reports reported in the area
- Yellow: Areas indicated in Yellow have some incident reports reported in the area
- Orange: Areas indicated in Orange have a considerable amount of incidents reported
- Red: Areas indicated in Red have many incidents reported
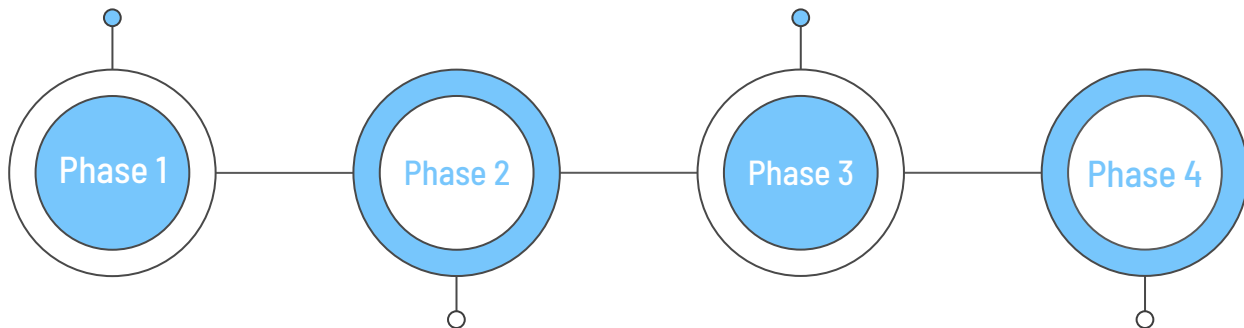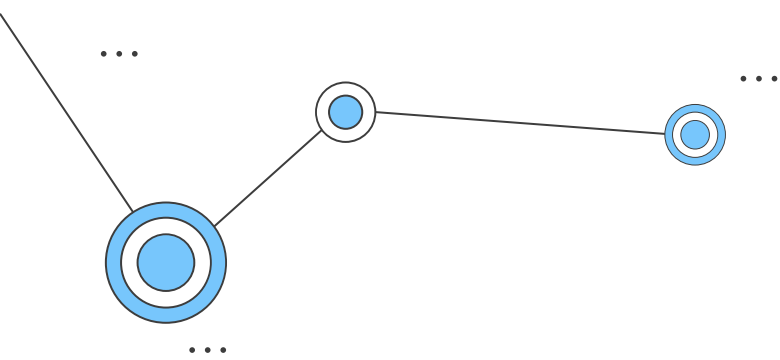
The City Safe Map

Our Goals

- Begin to gather data for the incident reporting system
- Collect more recent data to generate more accurate maps

- Develop an AI system to predict an area's safety
- Expand the maps into other cities in the GTA
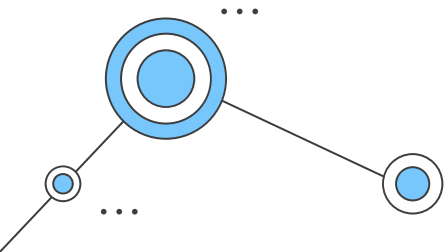
Phase 1 **Phase 2** **Phase 3** **Phase 4**

- Develop a mobile app version for increased accessibility
- Expand crime data set for more accurate safety mapping/ranking

- Partner with larger community based organizations

"True public safety requires a collaboration between law enforcement and the community."

—Betsy Hodges

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Thanks!

Do you have any questions?