NG911_Poster_FINAL_02.pdf 1 2022-04-01 2:02 PM

NEXT GENERATION 911

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location database framework features

METHODS

Utilizes Google Services







BACKGROUND

It is estimated that a NG911 infrastructure is to be implemented across Canada around the year of 2024. The objective is to bring about an inspiration for this upcoming infrastructure by creating two applications:

A mobile application for reporting emergencies.

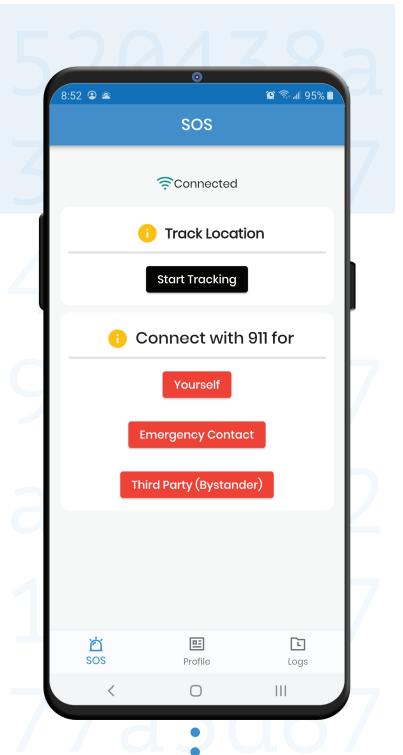
An emergency dashboard web application for responding to emergencies.



RESULTS

MOBILE APPLICATION

- Sign up once with a phone number, ready to go
- Available on Android and iOS
- Easily connect with a dispatcher
- Multimedia (text, audio, video) communication
- Option to be tracked for dispatchers to use
- Securely store sensitive information
- Option to automatically send sensitive information in the case of an emergency
- See exchanged information anytime



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- Continue enhancing privacy and security
- Pin locations of nearby emergency vehicles
- Prompt mobile users for connection with an emergency dispatcher based on sensory data

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WEB DASHBOARD APPLICATION

- Easily respond to connection request from emergency users
- Multimedia (text, audio, video) communication
- See location and movement route if provided by emergency users
- See sensitive information/documents if provided by emergency users
- See actionable information anytime

