# The Link

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# Team BEEJ

## Creators of The Link



**Joseph Bello**
Backend & Database



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Design & Documentation



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Design & Frontend



**Onisokien Ayonoadu**
Frontend & Backend

# Project Intro

# 1. Problem Definition

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*Not one streamlined method for citizens to report a problem in their city.*

# Currently three known methods to report a problem

◎   Call City of Regina contact center

◎   Online Service request Form

◎   Contact through social media

# The City of Regina Receives

## 585
Calls Per day

## 50
Online Service Requests

## Multiple
Social Media Requests

# Problems Identified

◎ Long wait times

◎ Searching and filling out form can be tedious

◎ Not everyone has social media

◎ Various activities on City of Regina's various social media pages

◎ Citizens cannot keep track of the problems in the city and the status of their own reports

# Problem Definition

*Not one streamlined method for citizens to report a problem in their city.*

# How *The Link* can help

- Everyone can be aware of problems in the city.
- Admin can decide whether reports are legitimate.
- Citizens can track progress of their report.

# 2. **Technology**

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*Multiple technologies were used for a seamless collaborative experience.*
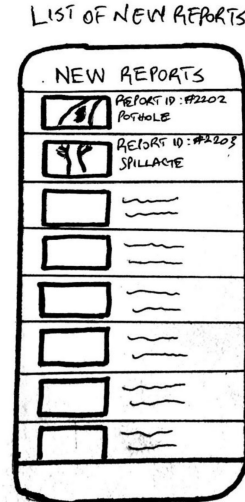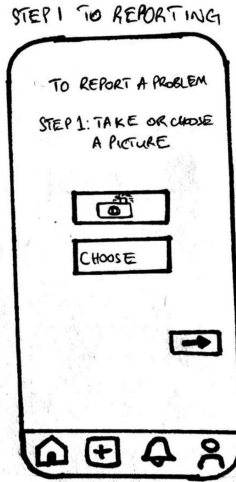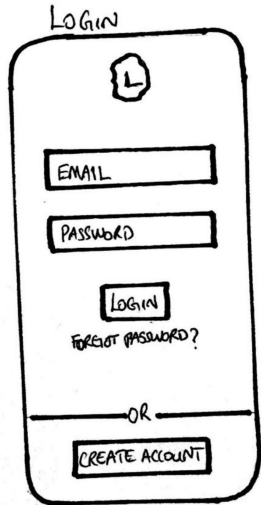
# Technology Utilized

◎ **GitHub**

◎ **Wireframes: Adobe XD**

◎ **Backend: Google Firebase**

 ○ **Pre-built user authentication**

 ○ **Firestore real time database**

 ○ **Storage**

◎ **Front-end Framework: React JS**

# 3. **Design & Implementation**

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- ◎ Everyone designed their own lofi's
- ◎ Choose the best features
- ◎ Create a final lofi

# Low-fidelity Wireframe
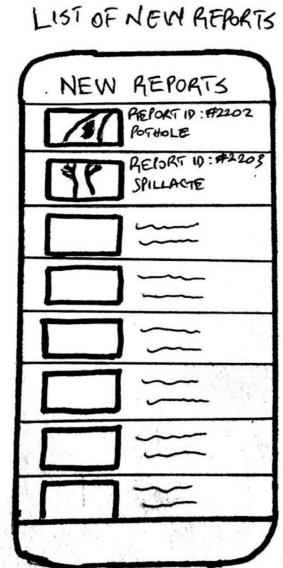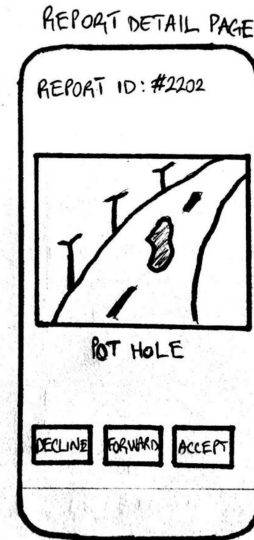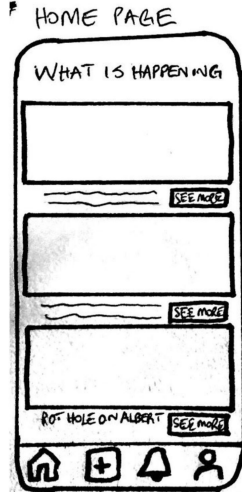
# High-Fidelity Wireframe
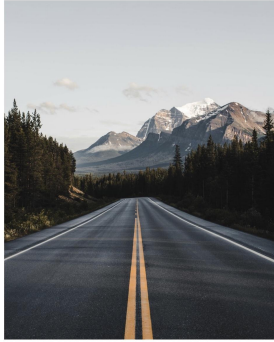
# Our Current Application on Mobile
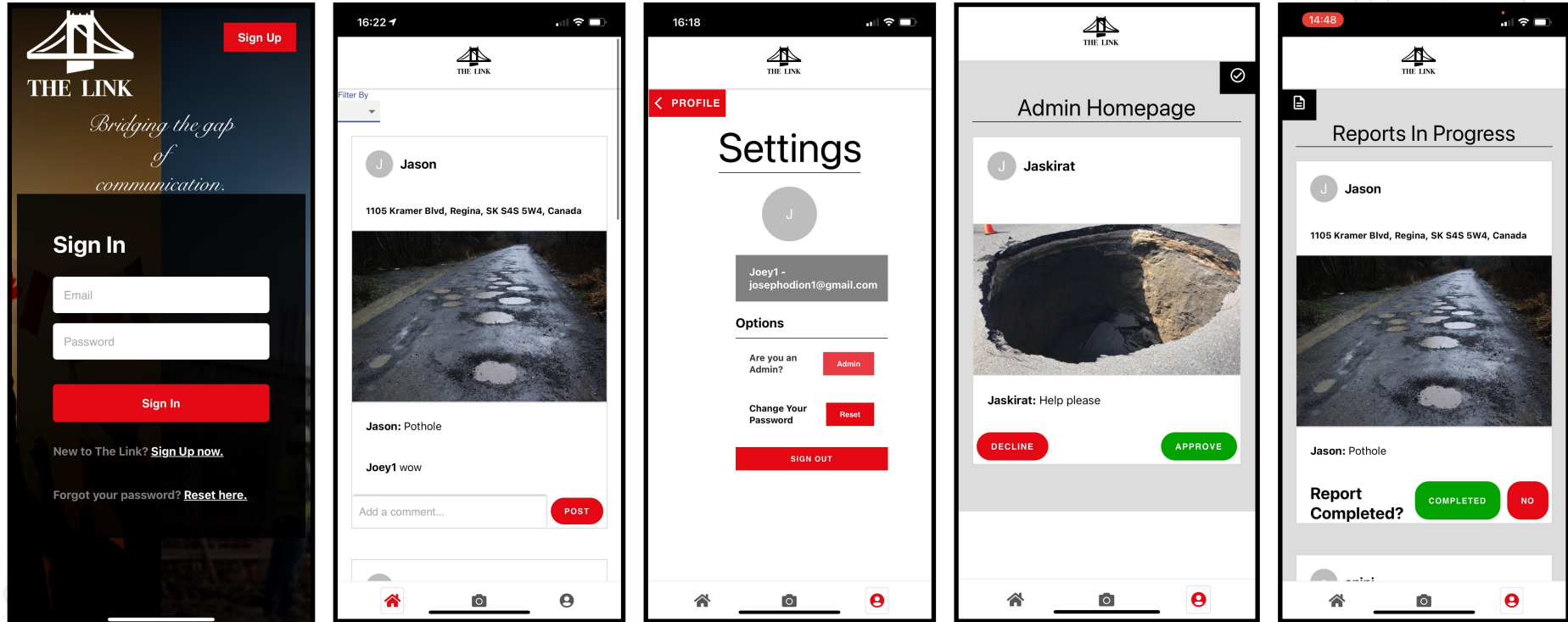
# Our Current Application on Desktop
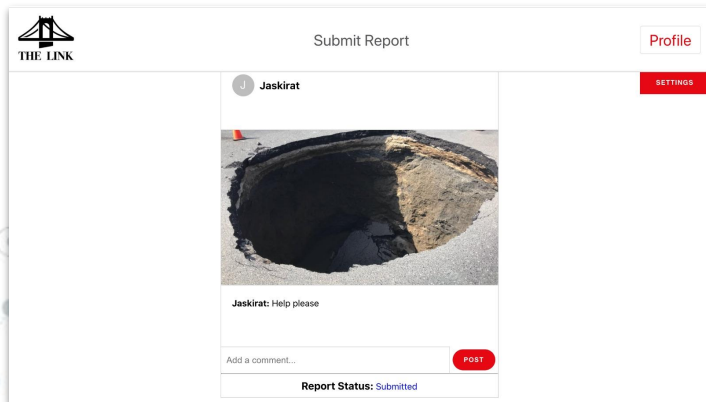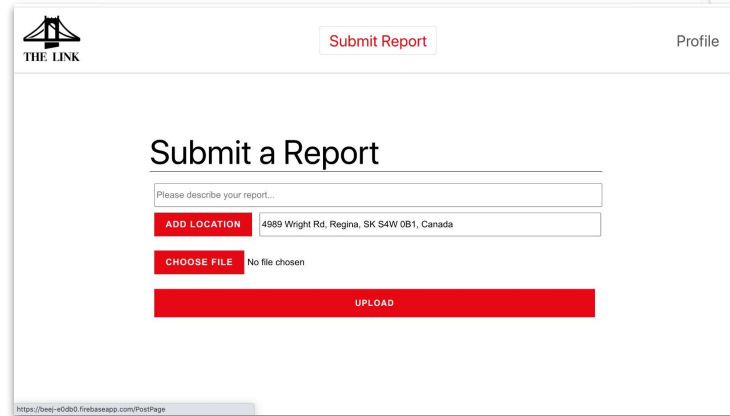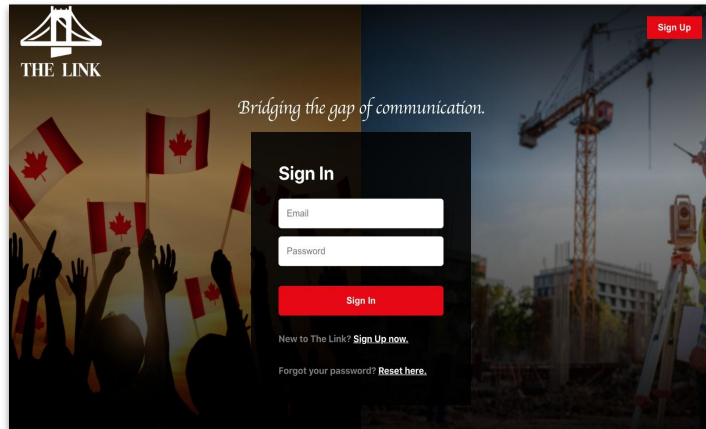
# 4. **Demonstration**

*Detailed demonstration of The Link*

# Demonstration
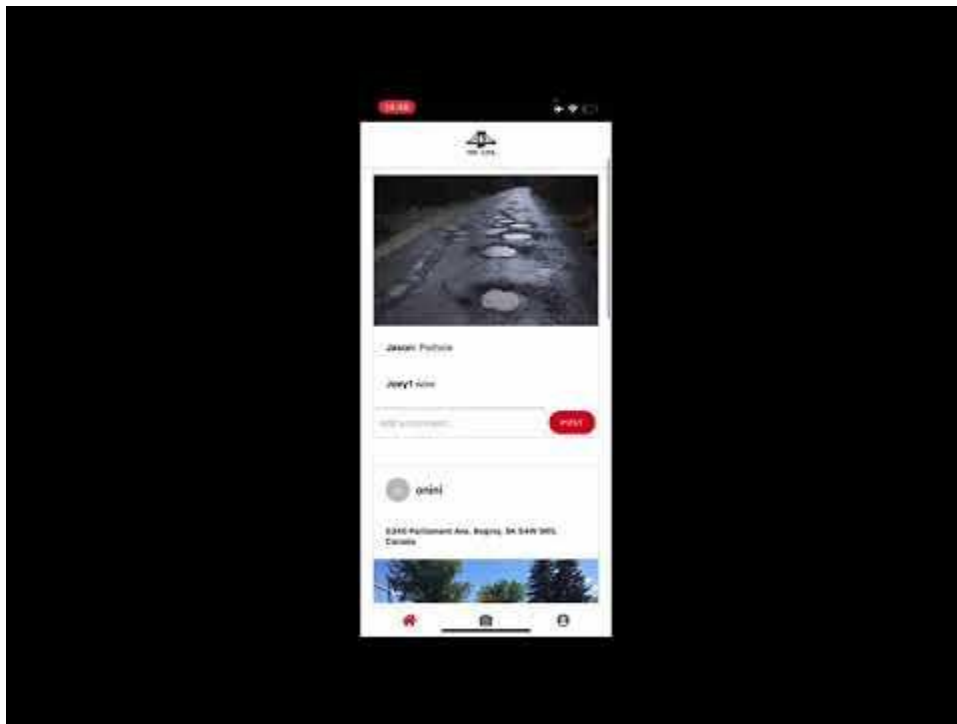
# 5. **Future Development**

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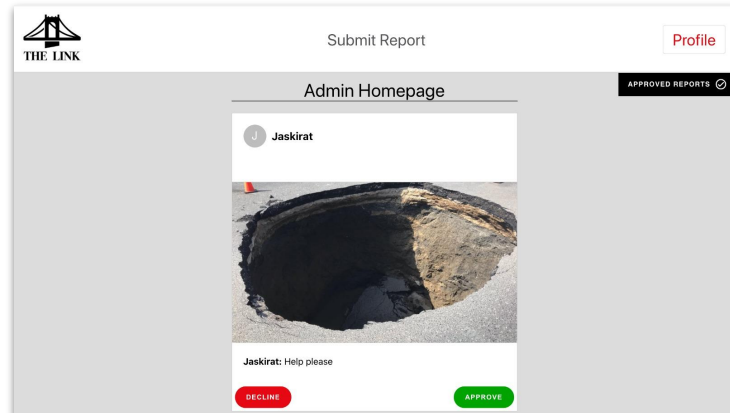*Upcoming Features*

# Future MVP's

**Push Notifications**

That will alert the users when a report status has been updated.

**Enlarge scope of app**

By including different ministries that handle reports in the province.

Also branch out to other provinces in Canada.

**Keyword Feature**

That will be generated when a picture is taken, which will be matched up to the right ministry.

**Two User Pools**

For each set of users, one for authorities and the other for citizens.

# Conclusion

◎ A promising MVP has been delivered

◎ A tool that can ease communication in the modern day

◎ This tool can be expanded for all of Canada

## Acknowledgements

Thank you to the following professors for guiding us throughout the course of this project.

◎ Project Advisor: Timothy Maciag, Ph.D

◎ Project Mentor: Craig Gelowitz, Ph.D

# Thank you

## Any questions?