

# Bugs Scrum # 6

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# Project Reintroduction

## NG911 System

- **A modernized 911**
- **Adds more ways to communicate with a dispatcher on top of what is offered by current technologies (Apple Watch SOS & Android 12)**
- **Will aim to utilize the next generation 911 (NG911) infrastructure to come in Saskatchewan around 2024**

Renz: UI/UX, testing, documentation

Li: mobile local data saving, map route, bugs fixing

Rabaa: running app server in the background, appending data management, data hashing, data encrypting

# User Route Demo

# Status Description

**Current status: Green**

Functionable modernized 911 system achieved

# Project issues/changes

- **Project Name: SOS application → NG911**
- **Develop with encryption and performance in mind**

# Encryption

- RSA
- End-End
- Start encrypting messages
- Key pairs generated per connection

# Optimization

- Code refactoring: no duplicate functions or widgets

## Next up

- Encrypt all sensitive data on Firebase
- Continue improving UI/UX



# Team Reflection

## Does the team feel "on track"? (reiterate the above colour status)

Yes, our system the main functionalities are accomplished.

## What progress does the team particularly feel good (great) about?

The project management steps following as we planned.

## What barriers (if any) does the team feel are a current impediment to success?

Limited knowledge of cloud security.

## What help (if any) does the team require to move positively forward?

Network, firewall, and transport encryption.

## What question or concerns does the team have (if any)?

N/A

**Thank You!**

