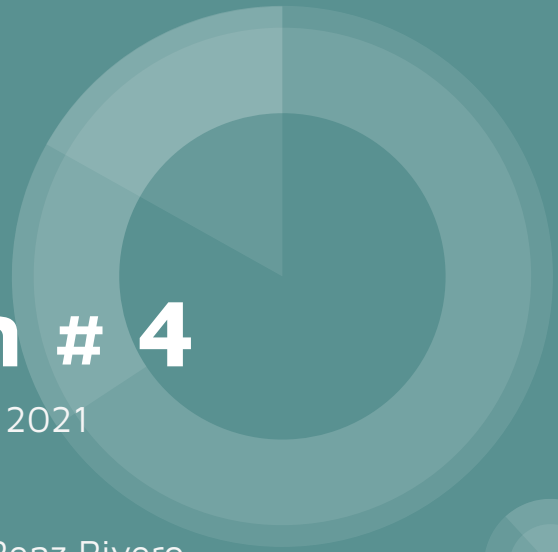


# Bugs Scrum # 4

Oct. 22, 2021- Nov. 19, 2021

Li Pan, Abdelrahman Rabaa, Renz Rivero



# Project Reintroduction

## SOS App

- Increasing amount of shareable data.
- Step forwards towards NG-911.

**Li: Lo-fi & Hi-fi Public Safety Answering Points (PSAP)/Admin Control Panel;**

**Firestore setup for ios; Client Side Flowchart**

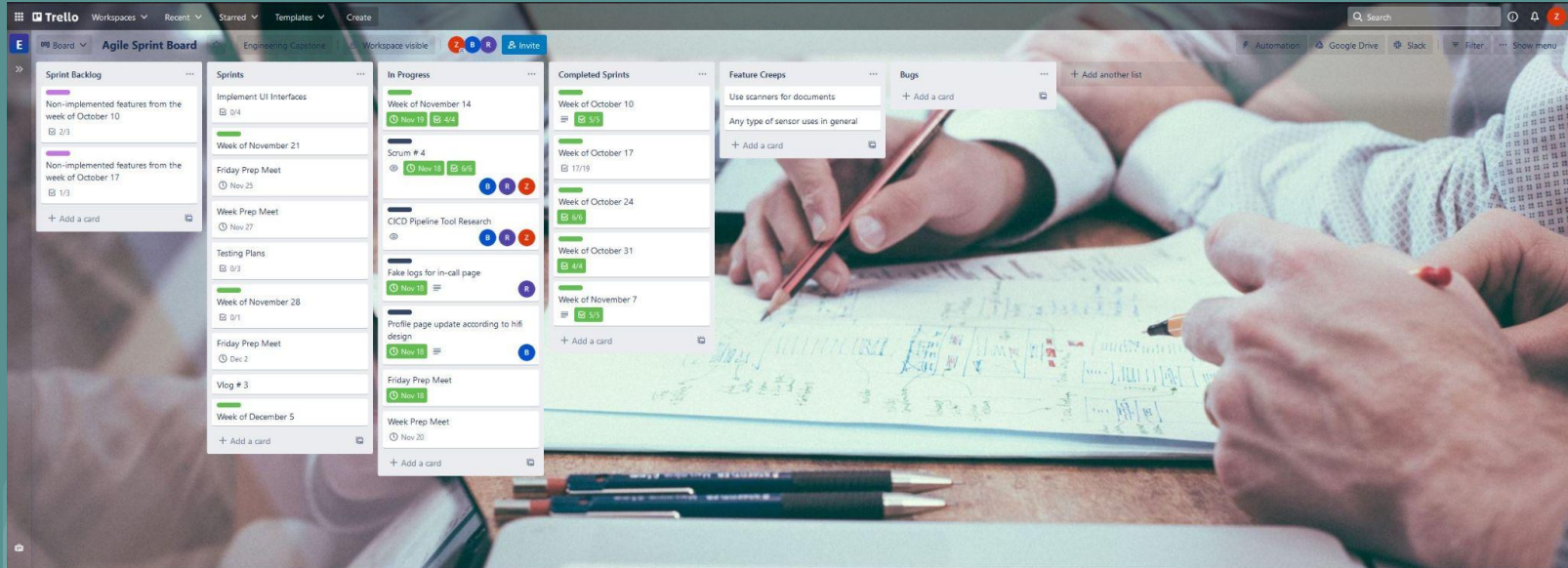
**Renz: Client Side Hi-fi; Lo-fi PSAP Side; Client Side Flowchart;**

**Rabaa: Lo-fi PSAP Side; Client Side Flowchart; Firestore integration**

# Status Description

## Current status: Green

- Scheduled mentor/client meetings (weekly)
- Trello Board (tasks assigned)



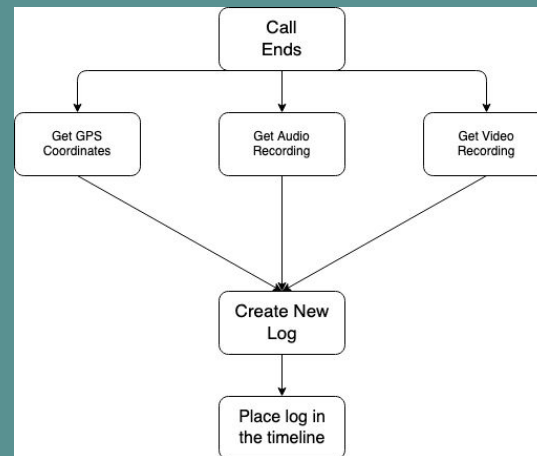
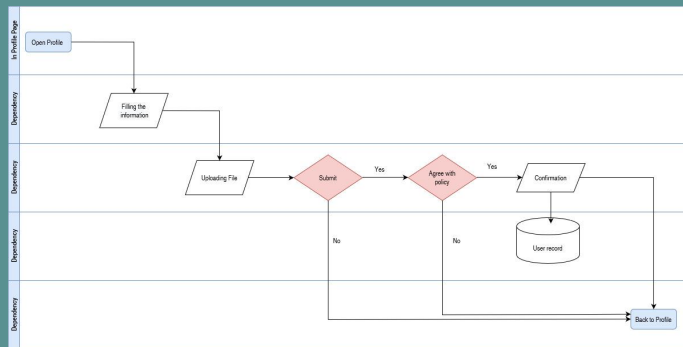
# Project issues

- The plugins versions compatibility
- The functionality consistent between ios and android

# Project changes

- The main idea is still the same

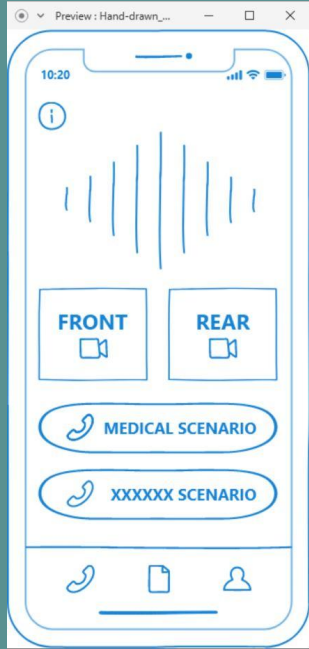
# Flowcharts



# Dependencies/Plugins Spreadsheet

A16			
	A	B	C
		dependencies	package
			Comment
1	Profile	material: any	package:material/material.dart
2		flutter: sdk: flutter	package:flutter/widgets.dart
3		flutter: sdk: flutter	package:flutter/services.dart
4		auto_route: ^3.0.4	package: auto_route/annotations.dart
5		file_picker: ^4.1.6	package:file_picker/file_picker.dart
6		firebase_storage: ^10.0.6	package:firebase_storage/firebase_storage.dart
7		phone_number : ^0.12.0+1	package : phone_number_example/home.dart
8			Andriod/ios
9		weather : ^2.0.1	package:weather/weather.dart
10			
11		geolocator	package:geolocator/geolocator.dart
12		location	package:location/location.dart
13			
14		flutter_sound	
15		record	package:record/record.dart
16			
17		camera	package:camera/camera.dart
18			
19		flutter_phone_direct_caller	package:flutter_phone_direct_caller/flutter_phone_direct_caller.dart
20		twilio_flutter	package:twilio_flutter/twilio_flutter.dart
21		flutter_sms	package:flutter_sms/flutter_sms.dart'
22			

# Client Side Hi-Fi Prototype

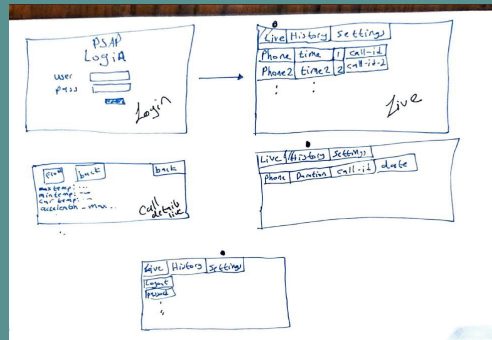


User side Hi-Fi video sent to RCMP Client



# PSAP/Admin Side Lo-Fi Prototypes

Map	Front Video	Rear Video	Note												
	Caller Information Phone number: Location: Driver License: Health Card Num: Prescription History: Weather Description: Temp: Wind Speed: Environment Description:		Dial Pad <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>#</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>*</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>0</td></tr> </table> Back Speed Dial Police    Fire    EMS	1	2	3	#	4	5	6	*	7	8	9	0
	1	2	3	#											
4	5	6	*												
7	8	9	0												
Line 1 Line 2 Line 3	Record History Time    Phone#    Location		PhoneBook												
Call Control Panel 															

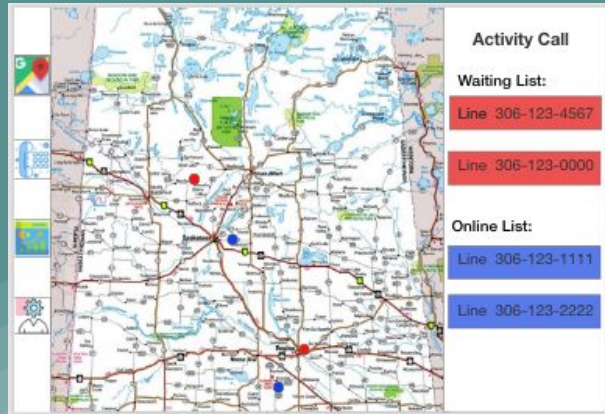
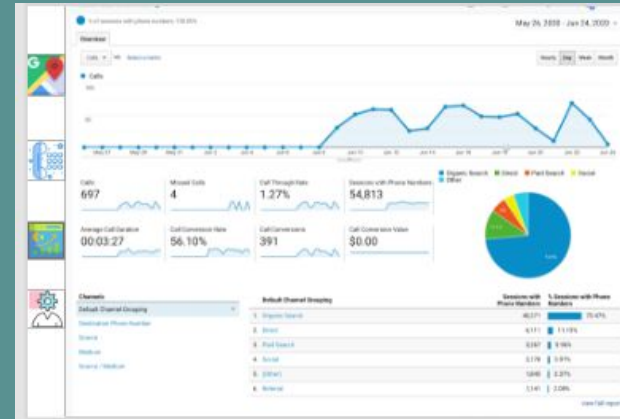


# PSAP/Admin Side Combined Lo-Fi Prototype

## PSAP Control Panel

Username

Password



Dashboard showing caller information and call control. The top section displays a map of the caller's location. Below the map, there is a section for caller information:

**Caller Information**

Phone number: 306-123-4567  
 Location: 3737 Wascana Pkwy  
 Driver License:  
 Health Card Num:  
 Prescription History:  
 Weather Description: Sunny  
 Temp: 10 degree  
 Wind Speed: 10km/h SW

Below the caller information, there is a section for call control:

**Income Call Control Panel**

**Waiting list**

- 306-123-0000

**Calling History**

Time	Phone#	Location
06:31	306-123-1234	Regina East
15:20	306-123-1239	Moosic Jaw West

On the right side of the dashboard, there is a section for speed dial:

**Speed Dial**

- Police
- Fire Station
- EMS

Below the speed dial, there is a section for notes:

**Note**

# Firestore Demo



## Next up

- Hi-Fi for the PSAP Side
- CI/CD Pipeline integration and deployment.
- Implement More Client Side UI
- More features in the In-Call page.
- Video streaming.

# Team Reflection

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

Currently on track, positive about having a great MVP by the end of the semester.

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

Planning

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

None

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

We are getting continuous feedback from the former RCMP officer John Leitch.