Capstone Project Vlog#3
SOS Application
by Team Bugs

Li Pan
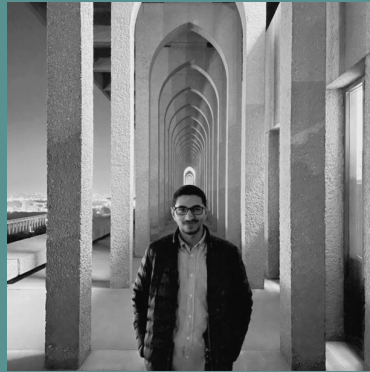
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Project Blurb

- **Designing a mobile app for new generation 911(audio, video and text)**

- **MVP: for medical scenario**

- **Considering security and user privacy, all operation under the supervision of Public Safety Communication Consultant.**

Project Activity

Li : LoFi prototype of PSAP; finalized the HiFi PSAP; updated the profile pages layout, enabled the function buttons and fetched the mobile sensors information.

Rabaa: LoFi prototype PSAP; Working with sensors; Deployed CICD Pipeline; Modifying and fixing database; design testing plan; accelerometer now will give an alert in case the magnitude exceeds a certain limit.

Renz: LoFi prototype PSAP; worked on the SOS page for the client-side, initiated the PSAP-side application with a routed navigation system

Status Description

Our project's current status is Yellow.

Project Issues

Keep both User interface and PSAP Control panel interface working consistent.

Project Changes

- Concentrating on PSAP 911 dispatchers' dashboard.

Demo - CICD

Demo Client-side Application

Demo PSAP-side Design

Next up

- **Work on each scenario "Medical" and "General"**
- **Filter sensors data.**
- **Client/PSAP side front-end polishing.**
- **Start fetching actual data from the back-end.**

Retrospective

What went well this semester?

We progress a lot more when everybody in the team is on the same page and has a clear idea for the vision of the project. Of course, this is made possible by meeting weekly and holding each other accountable for the tasks we had assigned.

What will the team commit to continue or change in ENSE 477?

This is not to say that everything has to be planned out to the smallest of details before we do anything. But for the next semester, we expect to plan out some sort of approach before making any moves.

Team Reflection

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

Again, we are at a yellow status just because we did not expect the much needed implementation of a PSAP side application. It throws us off a little but not enough to put us on a red status just because the two applications are interconnected and relate to each other.

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

Aside from the progress in terms of development, we particularly feel good about our meeting with Lori Kolybaba, a PSAP dispatcher. She provided valuable information as well as reassurance about the design choices we are making in terms of collecting personal information.

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

Currently, the only hindrance to our success is the fact that we are still learning how to use Flutter as we go but this is not such a big concern.

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

To continually meet with our mentors, keep each other accountable, and really use the month of December to get most of the front end done to comfortably start the back-end next semester.

Thank you!