

Team/Instructor Scrum # 6 (March 1, 2022 - March 15, 2022)

### **Team member**

Team(Bugs): Abdelrahman Rabaa, Li Pan, Renz Rivero

### **Project Reintroduction (Rabaa)**

It's a 911 call but modernized. So instead of only being able to call, someone in distress is able to make a connection with a dispatcher and communicate via audio, video, SMS, and more — making it easier to exchange relevant information. And going way back to Vlog #1. We just want to restate the main opportunity that our team attempts to provide. The main thing is to have a system that can potentially extend and use the NG911 infrastructure that is estimated to be implemented in Saskatchewan in 2024.

### **Individual Contributions (Everyone)**

Rabaa: fix new locations, current location marker

Li: real-time database management, bugs fixing, real-time communication testin

Renz: front-end development — UI/UX, testing, documentation, general code cleanup/refactoring

### **Status description (Rabaaa)**

Current status: Green

### **Project issues (Rabaa)**

- Modifying the architecture of audio/video call suiting the package not our needs

### **Project changes (Li)**

We don't have any changes. All functions in our system are successfully accomplished. We need stabilize our functions which I will talk about in the section of "next up" . That's also a reason that we don't have video to demo this time.

### **Project Management (Li)**

We have been using GitHub issue function, which enable us create an issue for a bug

that we find during the testing and pull request for our code version control. It is easily to track that the issues we have solved and issues need to be solved.

### **System and Integration Testing (Renz)**

- *Users:* Former RCMP officer (John Leitch), Mentor (Dr. Morgan)
- *Goal:* guarantee that our mobile and dashboard application can perform the core functionalities together without problems
- *Plan of Action*
  - Run three machines with the PSAP dashboard application (two for making connections, one to show that there are currently two online calls)
  - Run two mobile devices to make/initiate connections

### **Next Up (Li)**

- Code cleanup
- Testing
- UI/UX Optimization
- Stabilize the quality of real-time communication

### **Team reflection (Renz)**

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

Green status. Major bugs on the core functions of our project is mostly solved and the system as a whole is in functionable condition

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

The team feels great about the bug fixing done in our core functionalities (multimedia m methods, location sending, etc)

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

As the end of the semester approaches, it would be nice to have the time allocated for making scrum presentations to the actual project itself