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Security System App

<https://github.com/basdeo05/InsightSecurity>

Group Goal Last Week:

1. Start implementing live stream []
2. Send notifications to multiple devices []
3. Plan noise event algorithm [x]
4. Implement ambient decibel level detection algorithm [x]
5. Start viewer and camera activities []

Merna: This week I got the code for measuring the baseline of noise to compile and run on the emulator. However, since the emulator cannot pick up noise since it is not a real device, I have to test the app on a real device. If the app works as intended, then I will merge my code with the code on the official repo.

Eric: I created a write-up for how the noise event algorithm will work. Read it here:

<https://docs.google.com/document/d/1V2gJ8bvER9m9DmEJNMXBMKnyEz5p9-abCKsbQmtc2ZI/edit?usp=sharing>

Then, I started on grouping devices within Firebase to send notifications to multiple devices owned by the same user. Will hopefully have this done this week

Richard: Working on websockets to implement live streaming. Currently using Socket.io to implement the live stream. Also trying to use Google Cloud Platform as the server for the websocket.

Group Goal This Week:

1. Start implementing live stream []
2. Send notifications to multiple devices []
3. Start viewer and camera activities []
4. Test ambient decibel level detection algorithm []
5. Put weekly reports on GitHub []