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Security System App

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

Group Goal Last Week:

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

Merna: Last week I tested the code to measure the loudness of an area and while it works, it gives me measurements that are far too high. I also merged my code with the code in the main app on a new branch on GitHub. This week I will work on fixing the math behind the code and implementing a way to detect a noise spike.

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: Will work with the firebase realtime database to help send notifications to each device when a spike is detected. Also continue working on live streaming.

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