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EECE 310: Project Proposal (Group 13)

For our open-source project contributions, our group has decided to contribute to the BluetoothViewer Android application by @janosgyerik whose source is available on Github. The application allows users to communicate via Bluetooth to send commands or to receive raw data to a Bluetooth device. This application is particularly useful in the industry where a one would be able to monitor incoming raw data to see what is being transmitted by the Bluetooth device. Given the use of both regular Bluetooth and Bluetooth LE devices on the market today, this application has a total addressable market of around \$2 Billion.

Our group intentions for our open-source contribution to this project is broad and would include everything from documentation, code refactoring, and implementing new features. The repository's issue tab is full of to-do lists and desired features and we intend to implement a "Save to SD" feature as well as improving the UI to meet one of Android's latest design patterns. By the end of our contributions, we hope to have our code pulled back up into the original project at which point the next version of the application would potentially have our changes in it.

The repository has been forked by Samson Gama (@sgama) into a public repository and the other group members have been added as collaborators.

Link to repo: <https://github.com/janosgyerik/bluetoothviewer>

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