Mouse v2 Documentation

**Overview**

Use your Android phone as a simple Bluetooth Mouse for your PC computer

**Progress**

Initially I attempted to create this project purely in Java. The Android App was understandably fully written in Java, but I mistakenly and stubbornly attempted to create a WiFi TCP Server and HID interface using Java. Rather than let the project requirements dictate the implementation, I made my expertise and comfortability define how the project would work. This ultimately resulted in a subpar version that was laggy and unusable.

Since then, I began a new version in which I was more flexible with how I made this project. This consequently led me in a futile pursuit of creating a C++ driver, but my inexperience with this language made this attempt fail. After discovering Python, however, I have made considerable progress.

At this point, I plan to use Python to create a Bluetooth server that the Android app will connect to, and this Bluetooth Server will have an HID profile that will send the android data directly to the PC’s Operating System over Interrupt Transfers.