**Group Progress Report**

**Group**: Gauri Prasad, Jocelyn Corey, Tim Hoer

**Project**: Needle Localizer

**Date: 12/9/17**

**Goals for the past week** (copied from last progress report)

1. Complete the final oral presentation for our prototype and obtain feedback from our client.
2. Finish any necessary tests to prove feasibility.
3. Begin our final written report for the semester.

**For each goal above, comment on your progress**:

1. Our client was very pleased with our design and applauded us for including many of his desired characteristics. Given our success thus far, our client also provided us with reach-goals such as including features for needle recovery in our device. We completed our presentation on Monday night and presented on Thursday, receiving more helpful feedback.
2. Unfortunately, the parts we ordered did not arrive until later in the week, preventing us from testing these new parts. However, these tests will be performed as soon as possible.
3. The final written report has been started and is near completion.

**Goals for this week**:

1. Complete final written report.
2. Test off-the-shelf inductors and our ferrite inductor core in metal detection circuit.
3. Test metal detection in a conductive medium and consider under-water metal detecting circuits.

**Are there any difficulties with which you need assistance?**

Hopefully detecting metal in a conductive medium will not be too difficult, however this will be a new challenge for our team in the new semester.

**Other comments:**

N/A