

EE 492 WEEKLY REPORT 1/12

Date: 1/9/17-1/15/17

Group number: 20

Project title: Smartphone based nano-device for human breath sensing

Client &/Advisor: Prof. Long Que

Team Members/Role: Jared Smiley-Team Leader, Zhaobo Huang-Webmaster, Mengzhou Sha-Communication Leader, Concept Holder-Xin Chen

o **Weekly Summary**

This week we began coding the matlab portion into our android app. The goal is for the app to intake a picture like it already does and take this picture and greyscale it like matlab does and then find the intensity of each pixel as well as the wavelength of each pixel.

Past week accomplishments

- Xin: helped research how to transfer matlab type code to java
- Mengzhou: Coded
- Zhaobo: Coded
- Jared: Coded

o **Pending issues**

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>
Xin	Coded	4
Mengzhou	Coded	4
Zhaobo	Coded	4
Jared	Coded	4

o **Plan for coming week**

- Meet professor and show him status on app. Ask when he plans to finish spectrometer design so we can test it with app

o **summary of meeting with our professor**

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