

**EE 491 WEEKLY REPORT 5**

Date: 10/4/16-10/10/16

Group number: 22

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

Client &amp;/Advisor: Prof. Long Que

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

○ **Weekly Summary**

This week, we worked on researching matlab code for creating a frequency spectra from a spectrum image and planning a presentation detailing what code will make this possible. We will give this presentation to our mentor on Friday.

**Past week accomplishments**

- Team Member 1: Researched matlab code, started project plan document ideas, helped write weekly report
- Team Member 2: Researched matlab code, started project plan document ideas, helped write weekly report
- Team Member 3: Researched matlab code, started project plan document ideas, helped write weekly report
- Team member 4: Researched matlab code, started project plan document ideas, helped write weekly report

○ **Pending issues**○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Member 1	Developed rough schedule for project plan, wrote weekly report	2	7
Member 2	Developed componets of project plan	2	7
Member 3	Wrote and tested matlab code	2	7
Member 4	Research possible matlab code solutions	2	7.5

○ **Plan for coming week**

- Team Member 1: Give matlab presentation demo/ transfer schedule to project plan template, discuss website plan
- Team Member 2: Give matlab presentation demo/ transfer project components to project plan template, discuss website plan,

- Team Member 3: Give matlab presentation demo, discuss website plan, research and transform matlab code to equivalent java code for android app, test code
- Team member 4: Give matlab presentation demo, discuss website plan, research and transform matlab code to equivalent java code for android app, test code