

Group number: 22

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*

- **Weekly Summary (Short summary about what you did this week)**
- In this week, we had a one hour meeting with our professor. First, we show our presentation about our understanding of the project background paper for him. And then, professor Que explained the most important part about this paper, and asked us to read this part specifically and to do another presentation next Friday.
- **Past week accomplishments (please describe as what was done, by whom, when)**
 - Team Member 1: Attended meeting with professor and gave presentation on project background paper, helped write weekly report
 - Team Member 2: Attended meeting with professor and gave presentation on project background paper, helped write weekly report
 - Team Member 3: Attended meeting with professor and gave presentation on project background paper, helped write weekly report
 - Team member 4: Attended meeting with professor and gave presentation on project background paper, helped write weekly report
- **Pending issues (if applicable)**
 - Set up meeting with his team in the lab
- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Member 1	Attended meeting with professor , wrote weekly report	1	5
Member 2	Ditto	1	5
Member 3	Ditto	1	5
Member 4	Ditto	1	5.5

○ **Comments and extended discussion**

○ **Plan for coming week (please describe as what, who, when)**

- Team Member 1: Research how to create spectra from smartphone camera and develop presentation, tour lab, start determining development schedule, discuss website plan
- Team Member 2: Research how to create spectra from smartphone camera and develop presentation, tour lab, start determining development schedule, discuss website plan
- Team Member 3: Research how to create spectra from smartphone camera and develop presentation, tour lab, start determining development schedule, discuss website plan
- Team member 4: Research how to create spectra from smartphone camera and develop presentation, tour lab, start determining development schedule, discuss website plan

○ **Summary of weekly advisor meeting (if applicable/optional)**

This week, we met in Prof. Que's office at 10 on Friday. We gave a presentation detailing what we learned from the project background paper he provided. We then clarified what our responsibilities would be in the paper and asked questions about parts of the project that we didn't understand. He assigned us to research specifically how we can turn data from the camera to a spectra and to give a presentation at

our next meeting. Additionally we set up a lab tour for our next meeting.