
EE 492 WEEKLY REPORT 3

Date: 1/23/17-1/27/17

Group number: 1721

Project title: Glucose detection using a disposable nanosensor

Client &/Advisor: Prof. Que

Team Members/Role: Shir Linn Tan (Team Leader)

Wai Han Kong (Team Communication Leader)

Dalton Strauser (Team Key concept holder)

XiongSheng Yi (Team Webmaster)

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same.)

○ **Weekly Summary (Short summary about what you did this week)**

For the third week, we met with professor's PhD student who introduced us the setup of the system. This PhD student also showed us what does each step does for obtaining the glucose viscosity.

○ **Past week accomplishments (please describe as what was done, by whom, when)**

Meeting with professor and his PhD student. Discussed about the project prototype and experiments of testing procedures.

○ **Pending issues (if applicable)**

- Shi Linn Tan: Studying and reviewing what the PhD student showed us about the glucose testing and analyzing. Understand what each step does in the system.
- Wai Han Kong: Studying and reviewing what the PhD student showed us about the glucose testing and analyzing. Understand what each step does in the system.
- Dalton Strauser: Studying and reviewing what the PhD student showed us about the glucose testing and analyzing. Understand what each step does in the system.
- XiongSheng Yi: Studying and reviewing what the PhD student showed us about the glucose testing and analyzing. Understand what each step does in the system.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Tan Shir Linn	Meeting with Professor's PhD student and learning the steps of system setup, testing and results analysis	2	5
Wai Han Kong	Meeting with Professor's PhD student and learning the steps of system setup, testing and results analysis	2	5
Dalton Strauser	Meeting with Professor's PhD student and learning the steps of system setup, testing and results analysis	2	5
XiongSheng Yi	Meeting with Professor's PhD student and learning the steps of system setup, testing and results analysis	2	5

○ **Comments and extended discussion**

The procedures of the testing experiments and data analyzing were new to us. It took us some time to understand and be familiar with how to apply into our project.

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

- Shir Linn Tan: Keep meeting with PhD student and learn the fabrication process of Anodic Aluminum Oxide(AAO)
- Wai Han Kong: Keep meeting with PhD student and learn the fabrication process of Anodic Aluminum Oxide(AAO)
- Dalton Strauser: Keep meeting with PhD student and learn the fabrication process of Anodic Aluminum Oxide(AAO)
- XiongSheng Yi: Keep meeting with PhD student and learn the fabrication process of Anodic Aluminum Oxide(AAO)

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

No meeting with professor this week, we met with his PhD student instead. He showed us the processes of glucose testing and analyzing