

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)

○ **Weekly Summary**

We had finally gotten the whole schedule sorted out for the remaining semester and also the next semester. For the following time remaining of this semester, we will only focus on designing various parameters of the biosensor that we will be using for the next semester while the next semester only then we will proceed to fabricating it and doing test with it. So for now, we would continue our job of continue doing the design of our biosensor while getting feedback from Professor Que and his PhD research group.

○ **Past week accomplishments**

- Shir Linn Tan: Work on the design document and meet with Professor Que along with Dalton Strauser and Wai Han Kong.
- Wai Han Kong: Make contact with Professor Que to find a time for everyone to meet up and discuss about our progress. Worked on the design document together and think up the basis for the final presentation to come.
- Dalton Strauser: Work on the design document, meet with Professor Que and also analyze the reason behind the usage of Carbon Nanotube Thin Film.
- XiongSheng Yi: Since XiongSheng Yi had matters to be attended, he did not show up for the meeting with professor. Though he still helped out on the design document.

Pending issues

- Shi Linn Tan: Finalize information on the CNT thin film and finish up design document
- Wai Han Kong: Finalize information on the CNT thin film and finish up design document
- Dalton Strauser: Finalize information on the CNT thin film and finish up design document
- XiongSheng Yi: Finalize information on the CNT thin film and finish up design document

○ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Tan Shir Linn	Coming up with idea for the design for CNTF	4	27
Wai Han Kong	Gathering together and discussing about the design for the CNTF.	4	26
Dalton Strauser	Make adjustment to the design Tan Shir Linn came up with	5	26
XiongSheng Yi	Gathering together and discussing about the design for the CNTF.	3	24

○ Plan for coming week

- Shir Linn Tan: Meeting up with group members to discuss about the design of the biosensor and also the final presentation.
- Wai Han Kong: Meeting up with group members to discuss about the design of the biosensor and also the final presentation.
- Dalton Strauser: Meeting up with group members to discuss about the design of the biosensor and also the final presentation.
- XiongSheng Yi: Meeting up with group members to discuss about the design of the biosensor and also the final presentation.

- **Summary of weekly advisor meeting**

For the past week, we are finalizing the design document until Tuesday to hand it in. After that, we had a meeting with Professor Que on Friday and manage to get the whole schedule sorted finally for the remaining of the semester and also the next semester. Aside from that, we also get to learn a few more thing regarding the project itself like the reason behind choosing CNTF instead of other more popular technique of sensing glucose. We also discuss a bit about what we should do for the final presentation during the first week of December and professor give us an idea on what should be included on it. Thus, for the remaining time, we would only focus on design.