

EE 491 WEEKLY REPORT 12

Date: 17/04/2015

Group number: DEC1616

Project title: Surveillance of dairy animals using a smartphone-based system

Advisor: Meng Lu

Team Members/Role:

Xin Tong: App development (Skill: X-code)

Di Zhao: Mount design and 3D printing (Skill: Solidworks)

Le Wei: Optical design (Skill: Code V)

Tianqi Luo: Assay development (fluorescence polarization assay kit)

Weekly Summary

In this week we have two meetings. First we meet with our advisor Meng Lu and update the work we have done this week and practice our final presentation. Our professor Lu give us some advice for our project, our PPT and our presentation. The other meeting is we combine our PPT and make it more perfect.

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

Xin Tong: Complete App for the project and prepare PPT.

Tianqi Luo: Collect FP Data and do some PPT for final presentation.

Le Wei: Design the second generation optical model and prepare PPT.

Di Zhao: Design the second generation structure and prepare PPT.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
A	Tianqi Luo	8	64
B	Di Zhao	6	53
C	Le Wei	8	64
D	Xin Tong	7	57

Comments and extended discussion

In this week we continue to prepare our final presentation. Our group members work hard to practice the presentation to make sure we can do it better in the end of this semester. Then, we continue to design our second generation design.

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

Xin Tong: Working on PPT and prepare final presentation.

Tianqi Luo: Working on PPT and prepare final presentation.

Le Wei: Working on PPT and prepare final presentation.

Di Zhao: Working on PPT and prepare final presentation.

Summary of weekly advisor meeting (if applicable/optional)

We met our advisor Meng Lu in this week to update our work this and practice our presentation. Professor Lu ask some question and help us save problems for our work and give us some advice for our presentation and PPT.