



*Data Turbine Android Sensor Pod
Taiwan Forest Research Institute
(TFRI)*

Sara Taghizadeh

July 20, 2012

Project Proposal

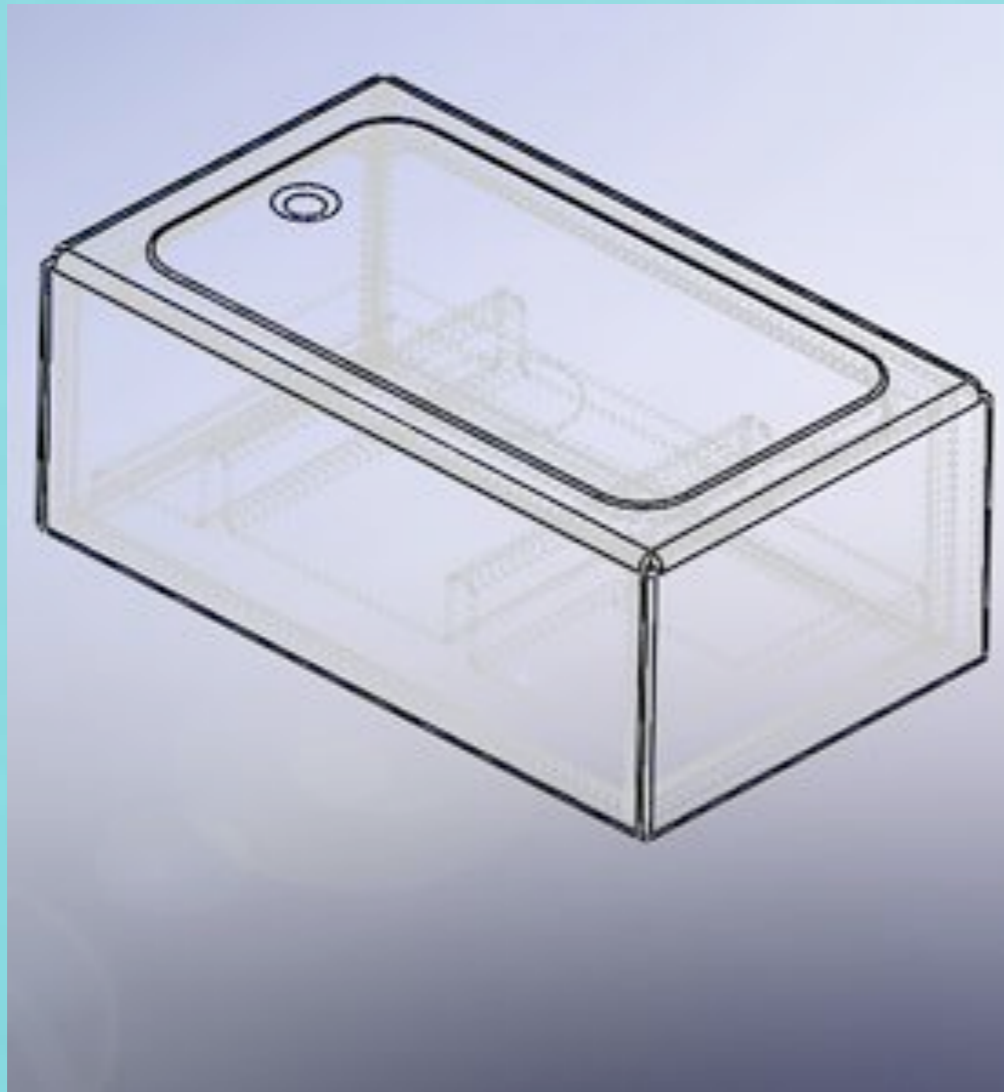
- ▶ This project will assist researchers at the Taiwan Forest Research Institute (TFRI) in developing and testing an environmental monitoring system based on the Android platform and the DataTurbine software.
- ▶ As for my part, I will focus on integrating a weather station at the TFRI research station with the DataTurbine Android Sensor Pod developed by my mentor's research group at UCSD.

Progress: Safety First!

- ▶ Changed the wire connections to prevent any battery spark/shocks in the future.
- ▶ Used a water proof box to place the solar charger, car batteries and the ioio board.
- ▶ Had Skype session with mentors at UCSD and discussed future plans.

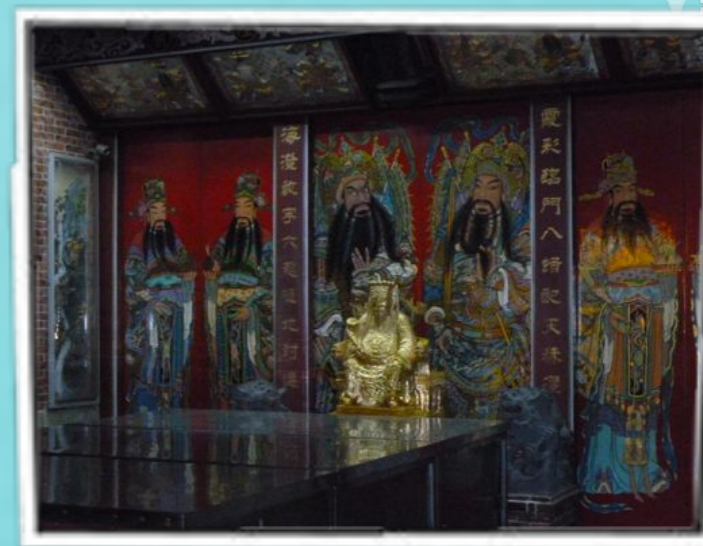


Goals for next week



- ▶ Test the overall system including the Vaisala weather station
- ▶ Set up Vaisala's sampling rate
- ▶ Research on a suitable case/box that can be installed on top of a tower and protect the phone in the field station

Day Trip to Jiufen





*Prime Family & Friends at
Beito Gourds Museum*

July 19th, 2012

Acknowledgments

▶ ***Prime Coordinators***

▶ Gabriele Wienhausen

▶ Peter Arzberger

▶ Teri Simas

▶ ***Mentors (TFRI)***

▶ Chau Chin Lin

▶ Sheng-Shan Lu

▶ Yu- Huang Wanf

▶ ***Mentors (UCSD)***

▶ Tony Fountain

▶ Peter Shin

▶ Gesuri Ramirez

▶ ***Collaboration with:***

▶ Ariana Tsai

