

## Professor Meeting Minute 1

Date: FEB/12/2019

Location: GJL POWER LAB 102

Attendance: Dr. Herbert Hess

Xin Han

Zhengqi Li

Manasa Pathamsetty

Self-Introduction: Members introduce themselves.

Roles are presented to the professor.

- Team Leader: Manasa Pathamsetty
- Budget person: Zhengqi Li
- Documentation and Wikipage: Xin Han

Discussion on the project:

Briefly introduction on the project

Decision on focus of the project:

Rotor side:

1. Some simulations were done.
2. Capacitor voltage

Use transistor to keep the voltage stable, maximize the voltage charged to the capacitor.

3. Hardware, able to finish?

Equipment: Discussions about equipment in the lab.

Resources: Rebecca's thesis.

Wind turbine ----- Bing Wu, IEEE press book, available in library.

Andy: done models for the same project.

Question: Leave space for index in logbook

Purchasing: No significant purchasing during simulation.  
Ask for SEL for parts while building it (single contact between the team and SEL)

Evaluation: This project is difficult, but there are models from graduate students worked on the project before.

Tools: Matlab  
PSim (Ask JJ)

Team contract: Go over contract.  
Xin Han is responsible for the team portfolio (one drive)  
Make an email list.  
Amendments will be done to the contract (team mission)

Team meeting schedule:  
Confirming on Tuesday at 2:30 at Power lab.