

MEETING MINUTES 18

Topic: Meeting 18 – Team Leads Meeting

Thursday, March 7, 2018

02:30pm - 03:30pm

Chair: Leo Segura De Niz

Attendees: David Willy, Alana B, Alex D, Anthony C, Devon H, Tristan S

Location: Room 323 @ EGR Building

Table 1. Tentative Schedule

Introduction

1. Announcements
 - a. Funding update.
 - i. **List of Instructors for institutional excuse.**
 - ii. Bigfoot BBQ fundraiser Tuesday March 13th 4-9pm.
 1. Invite people
 2. **Old Capstone posters**
 - iii. Need EE/ME support for the actual event. More to follow from Michael Vogelsang.
 1. Devon 4-6pm
 2. Alex 5-6pm?
 3. Anthony 7-8pm
 4. Leo 7-8pm
 5. Tristan 6-7pm
 - iv. Pay n' take week after spring break
 1. Similar approach.
 - b. First draft of the report March 18th (Next Sunday)
 - i. Final draft for Willy and Karin to provide feedback due April 9th.
 - c. Next DOE all team call March 12th. Room 102.
 - i. Who will be there?
 1. Alana
 2. Anthony
 - ii. What can we present on since we are not testing?
 1. Finishing up mfg
 2. Testing on going for ME and EE

Discussion Topics

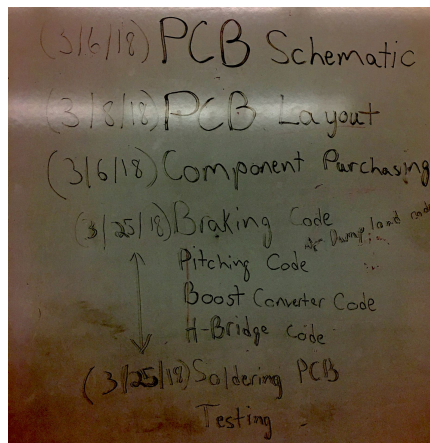
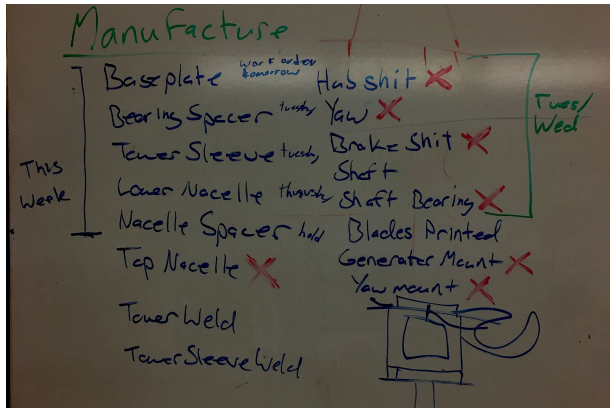
Test Team A - Blades, Shaft, DC-DC Converter, Wind Tunnel Testing, Generator

Test Team B - Hub, Rectifier, Nacelle, Brakes, Yawing, Load, Tower, Energy Storage

Market Team - Turbine Design, Siting Challenge within 100mi, Siting Challenge at the competition, Car Charging Station, Support test teams

1. Market Team Update
 - a. V2G
 - i. Link the site for business plan (Texas) to the siting piece in Arizona.
 - b. Windfarmer
 - i. Software is working.
 - ii. Figuring out data inputs
 - iii. WASp files may or may not be required.
 - iv. Talk with Acker if help I needed.

- c. County Meeting
 - i. Putting together a introduction presentation to meet with the county tomorrow
- 2. Test Team Update
 - a. What was manufactured this week?
 - i. List is accurate.
 - b. What was approved?
 - i. Buying Solenoid.
 - ii. NEED FINAL ASSEMBLY. ENTIRE ASSEMBLY (EVERYTHING THAT WILL BE ON THE MAIN NACELLE PLATE, TAIL TO HUB) NEEDS TO BE APPROVED NOT JUST PARTS.
 - c. What will be ordered Friday?
 - i. HOW SOON CAN WE FINISH THE FINAL ASSEMBLY?
 - ii. ME meet with Willy today by 5:15PM!
 - d. What can we manufacture/ work on next week?
 - i. Send purchase in ASAP so that we can obtain material by next week.
 - ii. NEED MATERIAL!



- e. Pitching, Brakes, Shaft, and PCB Layout
 - i. Pitching, brakes and shaft have not been approved.
 - ii. PCB layout working on it now.
- f. EE stuff will be ordered tomorrow.
- g. EEs will be working over spring break.
- h. Have Yousef to next meeting to talk about code.
- i. Manufacturing issues.
 - i. None yet.
- j. Estimated time to complete manufacturing.
 - i. April
- k. Testing plan
 - ii. Testing Procedures
 - 1. Aaron working on a draft for testing codes.
 - 2. Test generators.
 - iii. EE Support
 - 1. Aaron, Alex
 - iii. ME Support
 - 1. Dakota, Mitchell and/or Mike.
 - 2. Meet 10am-11am @ 98C.
- l. Possible outsource of manufacturing.
 - i. Material holding us up, not manufacturing.
- m. RETURN OLD TURBINE COMPONENTS TO WILLY.

Plan for next meeting

1. Review deliverables/ tasks/ to-do's to be completed by the next meeting.