

Weekly ReportEE491

Date: 3/7/2014

Group Number and Name	#10
Client/Advisor	Honeywell, FM&T / Dr. Ajarapu
Attendees/Role	Jeremiah Janssen, Kailey Mcguire, Tym Wood, Tori Sorensen, Chen Cheng

Past week accomplishments

What was done, who did it, and when it was done

- ❖ Jeremiah and Tori created a simple design pdf to present to Bob Dearth and the rest of the Honeywell team in our conference call on Wednesday.
- ❖ Tym coordinated the conference call which was changed from 1pm to 11am due to conflicts on Honeywell's end.
- ❖ We presented our simple design pdf in the conference call, but unfortunately we found out that our conceptual understanding of the project was wrong. We were under the impress that the two inductors were coupled together, but in fact they are shielded from each other.
- ❖ Tym sent an email to Bob clarifying which areas will be shielded in order to better understand the new problem our group faces.
- ❖ Professor Ajarapu reviewed our project plan and said we did well. He did have a few things we should change, and those will be reflected in the next version.
- ❖ We started to develop our design document.

Plan for coming week

What to do, who, and when should it be done

- ❖ Kailey and Chen will focus their research effort on finding a solution to our new problem specific parameters.
- ❖ Tym will relay the information he gets back from Bob about the shielded areas, and our group will develop a new plan of attack from there.
- ❖ Tori will continue to update the website.
- ❖ Our team needs break our design documents into sections which we can

each work on individually.

- ❖ Our group will update our project plan based on Dr. Ajarapu's comments
 - Tori-Introduction, problem statement, concept sketch
 - Chen-Market and Literature Survey
 - Kailey-Functional and nonfunctional requirements
 - Jeremiah-System description and operating requirement
 - Tym-Work Plan and Deliverables
- ❖ Jeremiah and Chen to visit with Dr. Mina about our issues to make sure we are not penalized.

Pending Issues

- ❖ We need to know from Bob what parts of the inductors are shielded and at what point in the manufacturing process it is shielded.
- ❖ We need to talk to Mani and let him know what troubles we are having, and how that will lead to troubles with our design document.

Individual Contributions

- ❖ Group project plan update. Designations listed above.
- ❖ Tym submitted the weekly report, set up the conference call with Honeywell, and emailed Bob Dearth to gain further understanding and decrease the ambiguity.
- ❖ Jeremiah and Chen
- ❖ Jeremiah, Tori, and Kailey built our design idea pdf
- ❖ Tori updated website
- ❖ As a group we discussed the design document and its implementation next week.

Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
Jeremiah	6	20
Kailey	6	20
Tym	6.5	22.5
Tori	6.5	22.5
Chen	5	18

Comments and extended discussions: