***EE 491 WEEKLY REPORT 9 Date: 11/1/16 - 11/7/16***

***Group number: MAY1740***

***Project title: Magnetic Pulse Generator***

***Client &/Advisor: Dr. Mani Mina and Neelam Prabhu-Guankar***

***Team Members/Role: Jack Lamar, Qibai Zheng, Pengchao Lian, and Ran Ma***

* **Weekly Summary (Short summary about what you did this week)**

In the past week, we spend our time on design document. Everyone did different parts in the design document. We put our simulation and result on the document, and analyzed them. We also did some simulation to get the idea of the circuit. We got the same plot with last year’s group.

* **Past week accomplishments (please describe as what was done, by whom, when)**
* Jack Lamar: Wrote sections of design document and set formatting and layout. Ran multiple simulations on circuit modifications.
* Pengchao Lian: Worked on design document version 1.0
* Ran Ma: Worked on design document version 1.0
* Qibai Zheng: Worked on design document V1.0
* **Pending issues (if applicable)**
* Jack Lamar: How to delegate work on team.
* Pengchao Lian: find out the final goals for our project in this semester
* Ran Ma: Figuring out what advantage and disadvantage las group have in their design, and try to go deeper in our design.
* Qibai Zheng: figuring the weakness of the circuit from last year’s group
* **Individual contributions**

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| --- | --- | --- | --- |
| **NAME** | **Individual Contributions** | **Hours this week** | **HOURS**  **cumulative** |
| Jack Lamar | Design document work and circuit simulation | 4 | 42 |
| Pengchao Lian | Focus on design document | 5 | 33 |
| Ran Ma | Worked on design document version 1.0 | 5 | 33 |
| Qibai Zheng | Wrote design document | 5 | 33 |

* **Comments and extended discussion**

* **Plan for coming week (please describe as what, who, when)**
* Jack Lamar: Complete project plan 2 and find areas in the circuit to improve upon in simulations.
* Pengchao Lian: doing some measurement for our circuit
* Ran Ma: Meet JP and Neelam and do simulation.
* Qibai Zheng: try to do layout in Ultiboard
* **Summary of weekly advisor meeting (if applicable/optional)**