

# Weekly ReportEE491

Date: 2/01/2014

Group Number and Name	Dec 14-3
Client/Advisor	Dr. Tyagi
Attendees/Role	Nathaniel Young, Ziji Guo, Sam Kelly, Latif Masud

## Past week accomplishments

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

- ❖ Everyone: We had our first work session where we talked about our overall design and found potential parts to build our design with.
- ❖ Latif: Project plan was completed with an initial timeline of the project.
- ❖ Latif: Website was brought up and is now ready for the new webmaster to take over.
- ❖ Sam: Found audio controllers and Bluetooth modules that could potentially be used in the project.
- ❖ Nathaniel: found cheap hobbyist designs online that could be used as reference points once we begin code work.
- ❖ Ziji: got educated in Bluetooth technology and guidelines that we will need to know once design work begins.

## Plan for coming week

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

## Weekly ReportEE491

- ❖ Everyone: finalize hardware choices.
- ❖ Everyone: refresh knowledge of Bluetooth connectivity and understand guidelines that we have to follow.
- ❖ Latif: purchase hardware for project and find a location to store it.
- ❖ Ziji: create code repository for project.
- ❖ Ziji: Finish website bring-up
- ❖ Sam: create documentation template.
- ❖ Nathaniel: Help others for now. No task this week.

## Pending Issues

- ❖ Finalizing hardware choice.
- ❖ Creating code repository.
- ❖ Finishing website bring-up
- ❖ Starting initial code development

## Individual Contributions

- ❖ Ziji: Attended all meetings. Added input and learned Bluetooth standards.
- ❖ Sam: Introduced idea for using audio controller with dedicated DACs in combination with a Bluetooth module.
- ❖ Nathaniel: found alternative hobbyist options. Verified overall design ideas that group was discussing.
- ❖ Latif: Finished first draft of the project timeline. Introduced initial circuit block diagrams, which was later changed due to Sam coming up with a better idea.

## Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
		<u>e</u>

## Weekly ReportEE491

Latif	5	18
Nathanie l	5	16
Sam	5	12
Ziji	5	14

### Comments and extended discussions:

This week was our first official week on the new project. We had initially set roles in week one for the old project, but those role have now been reassigned. Latif will now be the Project Leader. Sam will be the Communications Chair, Nathaniel will be the Key Idea Holder, and Ziji will be the Webmaster. Aside from that, we had work session on Saturday, during which we came up with some idea of which controllers we may want to use and found a possible evaluation board that we may be able to use.