ECE 2799 Design Review #1

Presentation Guideline

Attention ECE 2799 Students!

For your first Design Review, you should plan on a 10min Power-Point presentation with 5 minutes of Q&A. This presentation should address the contents of HW#1 and HW#2, and answer the following questions.

1. Introduction
   • What is the name of your project or product?
   • Who are the members of your group?

2. Problem Statement
   • What is the need? What is your product idea?

3. Market
   • Who is your market?
   • What type of market research did you perform?
   • Why is your product of interest to this market?

4. Competition
   • What is the prior art?
   • Who is your competition?

5. Customer Requirements
   • What are your customer requirements?
   • How did you determine them?
   • Which are critical? Which are not?

6. Product Specifications
   • What are your product specifications (both explicit and implicit)?
   • What technical research did you perform to determine them?

7. Value Analysis
   • What value analysis did you perform? What were your criteria?
   • What features or options are you considering, based on your value analysis?
   • How will your product compare to the competition?

8. Constraints
   • What constraints did you apply to determine your “best” solution?
   • How did you determine them?

9. Artist's Rendition
   • What will your product look like?

Also, be sure to PRACTICE with each other as a group.

Prof. Bitar.