Assignment #3:

System Design and Documentation, Part 1/2

- Read Chapter 4 and Appendix A (Section A.4) in our textbook.

- If your design team has changed its design topic since turning in Assignments #1 and #2, then rewrite and resubmit revised Statement of Work and Technical Requirements Specification.

- Brainstorm with your design team members to come up with three different design alternatives that each satisfy your Technical Requirements Specifications. Try to make these design alternatives as different from one another as possible.

- Based on the information provided in Section 4.4 on how to effectively draw block diagrams, draw one block diagram for each of the three design alternatives that you have identified.

- Annotate the blocks as thoroughly as possible given the limited information that you have at this time.

- Submit the revised Assignments #1 and #2 (if your design topic has changed), list of three design alternatives for your project topic, and an annotated block diagram describing each of them to Dr. Goncharoff in class on Friday, October 3. Your work should have a professional appearance and be no longer than 4 pages in length.

This assignment will be graded according to the following:

- Were three different and viable design alternatives identified? (1 - 5 pts.)
- Were the block diagrams for each properly drawn? (1 - 5 pts.)
- Does your work have a professional appearance? (1 - 5 pts.)