

### **Final Report Contents**

- The final report shall include the complete information about your project:
  - Revised Project Design
    - You may reuse parts of your project plan and design document, if appropriate.
    - Section describing how your design evolved since CPRE 491
    - Should include functional req's, non-functional req's, standards
    - Relevant Standards (including number and standards organization... note "de facto" if applicable) and how they apply
    - Engineering constraints that apply to your project
    - Security Concerns and Countermeasures
      - Physical Security
      - Cybersecurity
  - Implementation details;
  - Testing process and testing results
  - Placing your work in the context of:
    - Related products
    - Related literature

If/When needed, you should resort to Appendices.

- Appendix I – “Operation Manual”. (required)
  - 2~3 pages or more
  - Step-by-step instructions on how to setup/demo/test the system
- Appendix II: Alternative/ other initial versions of the design (and why they were scrapped in favor of the current version). Here you may include:
  - Versions considered before client's specifications have changed
  - Versions considered before learning more about the project
  - Versions that resulted in failure to achieve specifications, etc.
- Appendix III: Other Considerations. Here you may include any other points you deem worthy of being mentioned, like what you have learned, anything funny (but relevant) that happened during the design process, etc.
- Appendix IV (optional): Code.

- Be careful when using the logos of companies, associations, external groups, etc. You may not use any logos unless you obtain permission from the owners. Iowa State University allows the use of specific logos on student work. **DO NOT INCLUDE** in your final report **ANY WORK THAT IS NOT YOUR OWN**. This includes paragraphs from cited (or not cited) sources, data sheets for components, etc.
- Also make sure that such information is nowhere on your website. Should you fail to respect these instructions, you may be liable for plagiarism, academic dishonesty, or intellectual property violations.