Concept Evaluation Report

Written Assignment due in studio week of March 9:

This report should focus on your entire system and include the following:

1. Problem definition
2. System description
3. Concept alternatives
4. Concept evaluation method (such as evaluation matrices)
5. Concept selection
6. Preliminary results

This report should be no longer than 5 pages of text, plus figures, drawings, and tables. A sample layout for the report is given on the following page.

Presentation due in studio week of March 9:

One person from your team will give a 4-5 minute PowerPoint presentation at the beginning of class to summarize your progress. Present your selected concept, alternative concepts, and concept evaluation methods.
ME 2110
Suggested Report Format for the
Project Concept Evaluation Report

As you prepare your report, you should first review the available instructions and examples from the lectures and the textbook. Then you should determine which format sections are of most importance in this project report.

For this reporting period, you are asked to describe the system currently under development, to document your concept selection process, and report initial results. Your report should capture your work on this task according to the format outline below:

Abstract

Introduction
   Describe the project objective and specific design challenges to be addressed on this project.

Selected System
   Present and describe an illustration of the assembled, integrated system that is currently constructed. Discuss its initial performance.

Concept Alternatives
   Present and describe alternative concepts that were developed.

Concept Evaluation
   Present and describe evaluation methods that were developed and used. Make it clear why you chose your selected system, instead of the alternatives.

Conclusions