

Project Title

PROJECT PLAN

Team Number

Client

Advisers

Team Members/Roles

Team Email

Team Website

Revised: Date/Version

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1 Introduction

1.1 PROJECT STATEMENT

Explain what the project is about. What are you trying to do?

1.2 PURPOSE

Explain what is driving this project. Why is this work of benefit to the society?

1.3 GOALS

Explain what you hope to accomplish through this particular senior design project. What would you like to achieve? Enlist as many goals as you can envision.

2 Deliverables

These tie in with the goals. What deliverables are necessary to meet the goals outlined in the introduction?

3 Design

Include any possible methods and/or solutions for approaching the project at hand. You may want to include diagrams such as flowcharts to, block diagrams, or other types to visualize these concepts.

3.1 PREVIOUS WORK/LITERATURE

Detail any similar products or research done on this topic previously. Please cite your sources and include them in your references. All figures must be captioned and referenced in your text.

3.2 PROPOSED SYSTEM BLOCK DIAGRAM

For most groups you can include a flowchart of how the system will work. In case your project is not about putting together some sort of a system, you may describe the process that you will follow to achieve your deliverables.

3.3 ASSESSMENT OF PROPOSED METHODS

Provide a short discussion about the different approaches available and the approach you want to follow in your work.

3.4 VALIDATION

How will you confirm that your solutions work?

4 Project Requirements/Specifications

4.1 FUNCTIONAL

List and explain the functional requirements of the project. This would include all the technical requirements you fulfil during your senior design project.

4.2 NON-FUNCTIONAL

List and explain the non-functional requirements of the project. This is where you would enlist non-technical requirements. This may still be a fundamental deliverable that your client needs at the end of the semester.

5 Challenges

Include any concerns or details that may slow or hinder your plan as it is now. These may include anything to do with costs, materials, equipment, knowledge of area, accuracy issues, etc.

6 Timeline

You may want to include a Gantt chart/something similar to help visualize your timeline to complete the project.

6.1 FIRST SEMESTER

Breakdown your timeline into detail of what needs to be done by the end of the first semester. You may want to include division of work amongst the team.

6.2 SECOND SEMESTER

Detail what needs to be done in the second semester. You may want to include division of work amongst the team.

7 Conclusions

Sum up your project plan. Briefly re-iterate your goals for the project and the plan your team has put in place to achieve these goals.

8 References

List all the sources you used in understanding your project statement, defining your goals and your system design. This report will help you collect all the useful sources together so you can go back and use them when you need them.

9 Appendices

If you have any large graphs, tables, or similar that does not directly pertain to the problem but helps support it, include that here. You may also include your Gantt chart over here.