







This is a technical report, which will be partly graded on ability to communicate. If your report is poorly written and confusing, it will receive a lower grade.

Your report should have the following sections:

1. **Cover Page**: Group Members, Date, Project Name, etc.

2. **Introduction**: What your project is and what its purpose is

3**. Implementation**: Technical details and discussion. This should include discussion of block diagrams, schematics, a description of parts used. Additionally, include a description of software libraries and a description of software written. How did you go about designing your system?

4. **Results/Conclusion**: Discuss the results and what you learned from your project. Discuss if you met your goals, as stated in your initial report. If you didn't meet all your goals, discuss why not.

5. **Future Development Ideas**: What things could be added on to your project, or what could be made better in the future?

6. **Appendices**: Schematics, block diagrams, written software.

1. Cover Page

a. Project name, group members, date, etc.

2. Introduction/Abstract

a. What your project is and what its purpose is.

3. Implementation

a. Technical details and discussion

b. Relevant block diagrams and schematics

c. Description of each hardware module

d. Description of software and libraries used (this includes software written by you and written by someone

else)

e. How did you go about designing your system?

f. How did you test your system

4. Results/Conclusion

a. Discuss the results and what you learned from your project.

b. Discuss if you met your goals, as stated in your initial report. If you didn’t meet all your goals, discuss why

not.

5. Future Development Ideas

a. What things could be added on to your project, or what could be made better in the future?

6. Appendices

a. Bill of materials

b. Source code (all code used)

c. Schematics, block diagrams

d. Sources (websites which were helpful, places you got software from, etc.)

**Introduction**

Our goal is to build a device that will detect the motions of a user, interpret the motions accurately, and create functions to output adjustments to music settings.

**Implementation**

Basically same thing from proposal, what it is, purpose

**Results/Conclusion**

How you accomplished the project, what problems/mistakes did you encounter

} Talk about hardware, software, mechanical, how each part works

} Block diagrams

**Future Development Ideas**

Did you achieve your goals? What results did you get?

**Appendices**

Technical Documentation

} Block Diagrams

} Flow Diagrams

} Functional Decomposition

} Schematics

} Bill of Materials

Software Flow Diagrams

} Diagram that describes a software algorithm

} Program is broken up into its actions and decisions

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