

# Final Report

[Start Assignment](#)

**Due** Monday by 8am    **Points** 150    **Submitting** a file upload    **File Types** pdf  
**Available** after Aug 21 at 8am

## Purpose

The project report summarizes your project and documents on what have been achieved (and how), what worked and what did not work, elaborates on the implications of your project, and provides a critical reflection and potential future work. The style of the written report shall be oriented on scientific publications as you (will) have read them throughout your studies.

## Structure

### 1. Title

- Project title
- Class
- “<Your Project Name>: Report”
- Team (name and members) – The document will be written by the whole team (only one submission required to Canvas).
- Contact details of all team-members (Gatech email addresses, e.g.: {"author1,author2,author3,author4,author5}@gatech.edu" )

### 2. Abstract

- Summarize the project – now in past tense: Motivation, relevance, idea, approach, outcomes.

### 3. Introduction

- Introduce the problem area your project tackles, the general idea of the project, and how it is motivated. Reflect upon the relevance of your project at a higher level. Note that the introduction (as well as the background section, see below) should not just be simple copies of what you wrote in the proposal. Through working on your project, your knowledge of the domain will have evolved and as such an updated / extended introduction (as well as background section) is expected.

### 4. Background

- Summarize relevant related work from the literature and how it links to your own work / how your work is different from what has been done before. Use proper referencing.

### 5. “What was done, and how” (replace with title that is more appropriate for your project)

- This is your place to shine (even though focus should be on conciseness): Explain in detail what have developed and how it links to the original motivation of the project. Make sure you explain all relevant technical details.
- It is important that you link back here to your original ambitions and plans. The proposal includes a component on what the challenges are (or the novelty even) in a project. Whatever was promised there needs to be discussed here (because it is “easy to promise the moon, yet delivering it is a different matter”). More challenging and thus ambitious (yet realistic) projects will gain points here. This makes proper planning at the beginning of the project all the more important.

### 6. Results

- Most projects will have some kind of experimental component, where you tried out what you have developed. Describe your experiments and their results. Link back to your original motivation. Talk about both qualitative and quantitative results. Graphs, figures, charts, etc are generally helpful

### 7. Conclusion and Reflection

- Summarize your project. Reflect upon what went well and what did not. Have the project objectives been achieved? Why (not)? What are the broader implications of your work? What would be connecting points to future work?

### 8. References

NOTE: please use the ACM two column templates, which can be found here:

- MS Word Template: <https://www.acm.org/binaries/content/assets/publications/article-templates/pubform.docx>
- Overleaf Template: <https://www.overleaf.com/latex/templates/association-for-computing-machinery-acm-large-2-column-format-template/qwcpbmkkvpq>

Final Report		
Criteria	Ratings	Pts
Title etc. That it's there. sanity check really as it is frustrating to not have this on the document		10 pts
Abstract a concise but informative summary of the project and the plan. sanity check really as it is frustrating to not have this in the document		10 pts
Introduction setting the scene; motivation for the overall project idea and approach; some grounding in the state-of-the-art that justifies relevance. the introduction should clearly motivate and define the tackled problem, outline the approach taken and the system developed, and give a brief summary of what has been achieved		20 pts
Background literature review, survey of state-of-the-art and relevant techniques / methods. the project needs to be grounded in what has already been done and what is out there such that it does not appear disconnected from the reality (of the field)		20 pts
What was done and how? complete, technically sound description of what was done and how during the project. concise but complete description of the technical approach and the system that was built		20 pts
Challenges / Alignment to class Does the project live up to the expectations with regards to ambition and level of complexity as defined in the proposal? Whilst it is “easy” to promise an ambitious and complex project in the proposal, it is important to live up to these expectations. This part will critically reflect whether the project has actually addressed the challenges it set out to do.		20 pts
Results experiments (deployment), evaluation, results. the vast majority of projects will include a component in which the developed system / method will have to be evaluated through some sort of experiment / deployment / test. It is important to describe these correctly and especially present results correctly and to interpret these.		20 pts
Conclusion and Reflection what has been achieved? what was learned? What worked? What did not work? Why? a critical (!) reflection is important for any project because through this it is that students learn from their project work.		20 pts
References + Form does the report adhere to the guidelines set out in this document and to general expectations in scientific writing (incl. references)? it is important that the results of the project are presented in an adequate form, which is marked here.		10 pts

Total Points: 150

## crash policy HI

Operating guidelines: weekly security meetings, MUST tasks  
See contract

Research Question (See Contract)

NASA TLP charts done (Trep + Ali)

(project stats)

Changes to

mobile application / cat for

learn more ab difficulties that  
appli in wheelchair may face as it may  
not be as obvious

Reflection

ATL United → cerebral palsy + mail

System Design section includes project update

↓  
transducers and sensors

sensors and diagnostics