Your Research Project Title

Student Name(s)

Faculty Supervisor Name

A Research Report

Submitted

For

Course Number

Department of Computer Science and Information Technology

Clayton State University

Semester, Year

# Abstract

Describe the proposal in 100-200 words. The abstract is typically written last. After all, how would you know what you’re supposed to abstract in the first place, if you haven’t written it yet?

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# Introduction/Background

Provide the reader with an overview of the background of your research. This typically sets up the application domain or primary needs addressed by your research project.

Describe the contributions of your work to science and technology.

# Related Work (as instructed by Supervisor)

Review any papers, sources, or references used in formulating your research. At this point, you should have already seen quite a few of these sections. You should not only cite any information that you used to gain proficiency in this area, but also state how the work you have done is new or different. Specifically mention the gaps, issues, and “future work” in the literature are addressed by your proposal.

# Problem Statement

State the work that you will do and the problems you will solve in the research. What are you trying to do? Articulate your objectives using plain English. State the hypothesis of your project.

# Methodology

This section states how you have done to achieve your objectives and address the problems. Detail is the key here, the more detailed the approaches, the better. Break this section up into whatever structure is appropriate for your research. Possible sections include, but are not limited to:

* A description of approaches or methods you have used in the research.
* A description of software, hardware, or device that is at the core of your research
* Any requirements or prerequisites that are needed in the research
* A description of your test subjects, if any
* Be liberal with figures, tables, diagrams, code fragments, etc. The idea is to give the reader as complete a picture of the work that you’d like to do in the research as possible.

# Outcomes/Results and Discussion

This section describes the outcomes/results of your research. Any data analysis should be done in this section. The hypothesis is typically backed up by the work cited in your literature review, as well as your own research results in the subject area. You need to evaluate and state how closely your research results correspond to your initial expectations.

# Conclusion

Summarize the overall research here, repeating all primary points: background and motivation (based on previous work), the actual work, and the results.

# References

Your references should go at the end.