

[PROJECT TITLE]

Your name(s) here
Department Affiliation(s)
UC Davis

FINAL REPORT
MAE 298

ABSTRACT

[Prepare a 1-2 paragraph abstract that summarizes the following: project objective, motivation, and a brief description of your final solution and prototype. Approximately 300-500 words.]

INTRODUCTION

[Here you should state what your problem is and give the motivation for studying it (why is the problem important? How does it fit into the field? What novel contribution did you make?). You should also give an outline for the organization of the rest of the manuscript. Estimated length: 1 page.]

RELATED WORK

[Here you should review prior work similar to yours and/or which is the starting point for your project. Who else has researched this problem? What was their approach? Why is it different from yours? (the latter further highlights how your work is a novel contribution). This is like a brief literature review synthesizing past work. It can include noting shortcomings in previous work which you address herein, or can show how your work is complementary to previous existing work. Estimated length: 1-2 pages.]

RESULTS SECTION

[This section will be the most variable between different reports. It will likely be made up of several subsections:

- Formal definition of your problem.
- Description of the methods you are using (which itself could have sub-sections).
- Results obtained (which itself could have sub-sections).

It is preferred that you title these sections and sub-sections with names that describe the key points (for instance instead of “methods I am using”, the title “Adjacency matrix analysis” would be more appropriate if that is the method being described. Estimated length: 3-4 pages.]

DISCUSSION

This section should begin with a 1-2 sentence summary of the results obtained and described herein. Next you should offer a brief critique of your own work: Point out what are specific attributes that you feel extremely positive about, and note aspects that are weaknesses and you feel need further exploration. Discuss any work that you feel still needs to be performed and other changes that would improve the results. Also, you can discuss next steps that should be studied now that the results herein are established (i.e., extensions that follow from this work). Estimated length: 1 page.]

BIBLIOGRAPHY

[No required length or format; please organize using some standard format for all references. Also, when citing works in the body of the report, make sure it is clearly indicated which work it is in the bibliography. Numbers are often good for this, otherwise some abbreviation made up of the authors' last names and year of publication are often standard.]

FORMATTING NOTES

The intent is for you to write this up as if it were intended to be an research article appearing in a standard scientific journal. Feel free to use the formatting of that journal. For readability, you should use 11 or 12 point font. Also double-spacing will help with readability.