**[Project Title]**

Project Report

by

CMPE 195A

[team member name(s) in alphabetical order by last name each on a separate line – no student IDs]

[Project Advisor’s Electronic Signature]

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[Your Supervisor’s Name], Project Advisor

mm/yyyy

**ABSTRACT**

**[Topic]**

By [Your Names in alphabetic order by last name]

[Your updated Project Abstract is presented here. Use 3 paragraphs:

1) Paragraph 1 – A setting for your project that describes the general domain of the project.

2) Paragraph 2 – A description of a problem within the domain.

3) Paragraph 3 – A short description of how your project will address the problem described in Paragraph 2

Do not exceed this page in length]

**Table of Contents**

**Chapter 1 Project Overview**

* 1. Project Goals and Objectives
  2. Problem and Motivation
  3. Project Application and Impact
  4. Project Results and Deliverables

**Chapter 2 Background and Related Work**

* 1. Background and Technologies
  2. State-of-the-art

**Chapter 3 System Design**

3.1 Architecture Design

3.2 Design Constraints, Problems, Trade-offs, and Solutions

**Chapter 1. Introduction**

* 1. **Project Goals and Objectives**[Describe what are the goals and objectives of the project. In addition, it covers the context in which the project will be placed.]
  2. **Problem and Motivation**[Describe the problem, motivation, and needs of your project. You need to address why this project is important and what is the problem you will address.]
  3. **Project Application and Impact**

[Describe the application of your project results, and its impacts to academic, industry, and society.]

* 1. **Project Results and Deliverables**

[Describe your project expected results (such as a system, and a component) and project deliverables (such as report, prototype, code, etc.).]

**Chapter 2. Background and Related Work**

* 1. **Background and Technologies**

[Provide the necessary background of this project, including concepts and knowledge (e.g design patterns, asynchronous programming, project estimation, scientific and mathematical fundamentals), along with technologies (e.g. PhP, MySql).]

* 1. **State-of-the-art**

[Present the summary of existing and related products in the market or research ideas found from papers.]

**Chapter 3. System Design**

* 1. **3.1 Architecture Design**

[Describe a general architectural solution for your system. This section must include textual description accompanied with diagrams.]

* 1. **Design Constraints, Problems, Trade-offs, and Solutions**
  2. **3.2.1 Design Constraints and Challenges**

[Present your design constraints in different perspectives, such as economic, resources, society and environment, hardware/software, mathematical/scientific theories and safety and reliability.]

**3.2.2 Design Solutions and Trade-offs**

[Document your approaches to cope with the given constraints. Present your design trade-off decisions and solution selections to deal with these constraints and problems and challenges.]

1. **References**

[List most influential documents (articles, books, web pages, white papers, etc.) related to the project. List them in IEEE reference format. Publications are judged by the quality of their references and some reader review the references before even reading the paper. The high quality references are those from peer reviewed journal and conference papers. Papers with little research might just include URLs. At the bottom are references to news articles.]

**Appendices (Optional)**

**Appendix A – Appendix Title**

[Typical example: you can include a specific standard here.]

**Appendix B – Appendix Title**

[Typical example: you can include a specific interface details here.]