# Title of Your Final Project

### Your Name(s)

**Location of website**

### Introduction

This section provides a high-level description of the project including potential users or user groups and desired functionalities. Do not assume that the readers are automatically familiar with your application. Provide enough background information.

### 2. Detailed Application Requirements

This section describes the requirements of the application in detail and in English.

### 3. Design

This section illustrates your conceptual design in the form of an ER diagram. Also provide discussion of other considerations such as performance and storage requirements.

Describe the functionalities of your system in the form of screenshots of your user interfaces. Describe the purpose of each widget. It might be easier to do this by providing typical workflows of the intended users or user groups. For example, if your application involves a university registration, perhaps you can show what forms are needed for a student to register for a class and those for an advisor to track the enrollment of the courses. Again, describe various considerations for your design (user groups, security needs, administration concerns, storage, performance, etc.).

### 4. Implementation Details

Give a basic (brief) overview of why your application needs to make use of a DBMS. Highlight which of **your application requirements** the DBMS provides.

Also, describe what happens when a button is clicked or the content of a filter is changed? In particular, how is the query formed based on user’s set parameters? Are any indexes used in order to speed up the query execution? …

### 5. Evaluation

Explain the steps that you have taken to test the correctness, effectiveness, and intuitiveness of your system.

### 6. Future Work

What additional functionalities you plan to implement beyond this class?

### 7. Lessons Learned

What challenges have you run into during the design, implementation, and testing of your system? How did you address these issues? What would you have done differently next time?