Michael Bamesberger CS 340 Final Project December 6, 2015

## Outline:

My database is a biographical United States Presidential database. It contains information about where each President was born, what they did as a profession before and after election, their political party and their Vice Presidents.

This information is useful, I think, in learning about each of the Presidents, and the history of the U.S. Presidency as a whole. For example, it will be interesting to see which state birthed the most Presidents, and watch as the birth states of Presidents moves westward through history. Another interesting data point would be to see which professions are linked most closely with the Presidency, and how that changes over time.

## Database Outline in Words:

The President table is really at the center of the database. The President has one Birth State, one Vice President and one Party. But the President can have many professions. I'll also include information on the President's age at election, year first elected and number of terms served.

Interestingly, some Vice Presidents served under more than one President. I'll also link Vice Presidents to the Birth State and Profession tables.

The Birth State table will include the city where the President (or Vice President) was born. This will provide further detail for the database.

To sum up, each of the following will have its own table: President, Vice President, Party, Birth State and Profession. I'll also create relationship tables for the following: President-Vice President, President-Party, President-Profession, President-State, Vice President-State and Vice President-Profession.