**Capstone Project**

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**User’s Manual**

This program is designed to do one of six options, read an excel .csv file from a selection made by the user then connect to SQL database and create a database with the desired name entered by the user. The second option the user may select is to add a new empty field to the database with whatever name the user wishes so that the user may then go about filling it in. The third option is to search the database, one at a time to find any key number, name, email, phone number, or whatever the user entered in as the search value and look at every entry and see if it matches the search value.

The fourth option is to take a valid table field name entry by the user and remove that field or column from the database completely. Then we have the fifth option, this one takes a name entered by the user and prints the entire database base to a text file with that name. The last option is to simply quit the program.

Here is an example of the menu:

1. Read an .scv file.

2. Add new field to database.

3. Search database.

4. Remove new field from database.

5. Print database to a file.

6. Quit.

(Valid entry is a number between 1-6)

Enter Option:

This is immediately displayed when the program is launched. The user **MUST** read a .scv file **FIRST** to begin, or the program will not have connected to the database. Almost every entry in the program is case sensitive so keep this in mind, when searching the search value must be exact in order to be displayed spacing and all. This is the same for the Remove new field option, in order to successfully remove the field it must be an exact match or it will not be removed.