

Name: Tuan Huynh

Class: TCSS 445A

Final Project

How to Install and Run My Application

1. I created this application on MS Access which is very easy to set up the GUI and code in order to run my application. First I created 2 forms: Customerform and Computerform that help me insert, update and delete a specific record that is associated with that table.
The code of each form is very straight forward and easy to understand. Every button in the application should be working as its name. Each button is also associated with a method (show its action) in the code form. All data and records of each table should be shown as a sub-form next to or below the main form.

2. How to run this application

- **Insert:** to insert a data in either customer form or computer form, you need to add information in the text box equivalent to the name of its label. However, the input must match the data type of each text box. For example, add integer to the customerID text box. After inserting the record, that record should be added to that table in the sub-form.
- **Update:** First you will need to choose which customer or computer you want to product by clicking the mouse on that record or looking up the ID or UPC by pressing the number in the box as the shown picture. Then, you click EDIT button, so that specific record will show exactly in a respectively text box in the main form. After you make a change, you will need to click on UPDATE button. Since you are editing a record, the ADD button will change to UPDATE and EDIT will be disable to click. You can check the updated information you made then click CLEAR button to make sure nothing in the text boxes.

The screenshot displays the 'CustomerForm' application interface. On the left, there is a form with input fields for 'CustomerID', 'First Name', 'Last Name', 'Address', 'Email', and 'Phone'. Below these fields are buttons for 'ADD', 'EDIT', 'DELETE', 'CLEAR', and 'CLOSE'. On the right, a data table is shown with columns: CustomerID, FName, LName, Address, Email, and Phone. The table contains 7 records. A red circle highlights the 'CustomerID' column, and a speech bubble points to it with the text 'Enter CustomerID here to search'. The status bar at the bottom indicates 'Records: 1 of 7'.

CustomerID	FName	LName	Address	Email	Phone
1	Tuan	Huynh	6025 S 17th PL Seattle WA 98178	thuyh52@uw.edu	2067249657
2	Jack	Tran	7632 S 48th Ave S Seattle WA 981	jatran@gmail.com	3254413264
3	John	Smith	1156 103rd Ave SE San Jose CA 55	jsmith22@yahoo.com	3162202211
4	Tu	Huynh	6025 S 117th PL Seattle WA 98178	camtuhuynh@yahoo.c	2067249225
5	long	nguyen	33212 16th blvd rd Renton WA 98	Inguyen22@gmail.com	2062252222
6	Cuban	John	4621 62nd Mayer St Dallas TX 311	cubjohn@yahoo.com	7793173177
7	Kai	Mars	4462 SE 1st St Kent WA 98132	mars11@yahoo.com	4251112222
0					

- **Delete:** For the deletion, what you need to do is just the same as update's step, you will need to first look up a row which you want to delete. Then you will receive a message box to make sure you want to delete that record from the table. Click 'Yes' to delete or 'No' to cancel the process. Since you **delete** that record, it will no longer live in that table. After you're done doing on that form, click on CLOSE button, it will close the form with saved data.