Course: IST-659

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Homework #10

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Topic: Lab08 – Using your Database

## Part 1 – Creating a Graphical User Interface (GUI)

A screenshot of a cell phone

Description automatically generated

**If we only provided a value for LoginLocation, how did the software know what to use for vc\_UserLoginID and UserLoginTimestamp?**

So, it seems like when creating the Link tables Access learns the table properties.

Verified this by navigating to the Relationships view in Access. Right-click the table-name and go to Table Design. See that, vc\_UserLoginID and UserLoginTimestamp are accurately marked:

* Required ‘Yes’
* Data-types AutoNumber and Date/Time respectively.

So, when each new entry for LoginLocation was provided vc\_UserLoginID was auto incremented and a Date/Time value was appropriately added to UserLogin Timestamp.

**Based on what the behavior we saw and the form/subform relationship, how did the software know which vc\_UserID to use for the vc\_UserLogin record?**

In this specific case, we navigated to that record ‘Tardy’. Not sure I understood the question.

**What are some pros and cons (at least 2 of each) to using Access to manage SQL Server data?**

**Pros**

* Simple to use without having to master the SQL syntax.
* Easy to navigate and visualize datasets using tabs/Datasheet view rather than having to repeatedly run the same commands when directly working with SQL servers.

**Cons**

* Navigating away from a record you are modifying automatically saves it. This may go un-noticed many a time.

Although ‘Refresh’ can help recover, this behavior needs some getting used to.

* Additional license cost with Access.