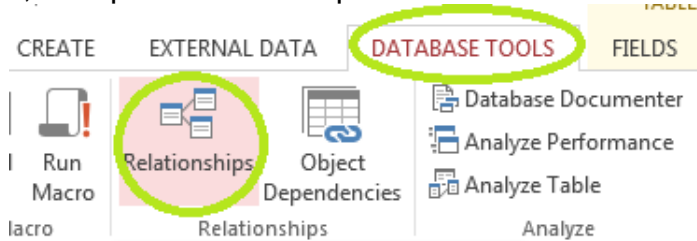


Data Validation

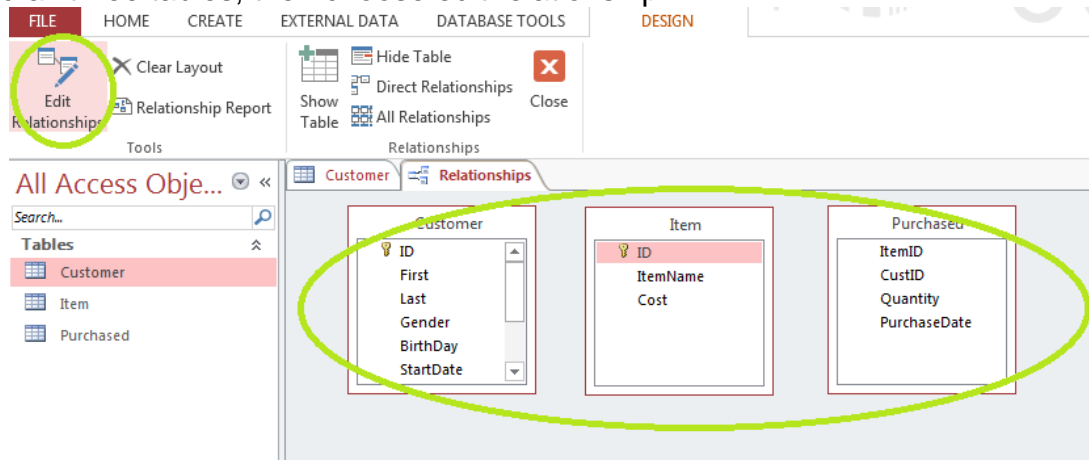
Customer Table: Field Length, Input Mask, Combo Box (Value List), Validation Rules

A. Relationship

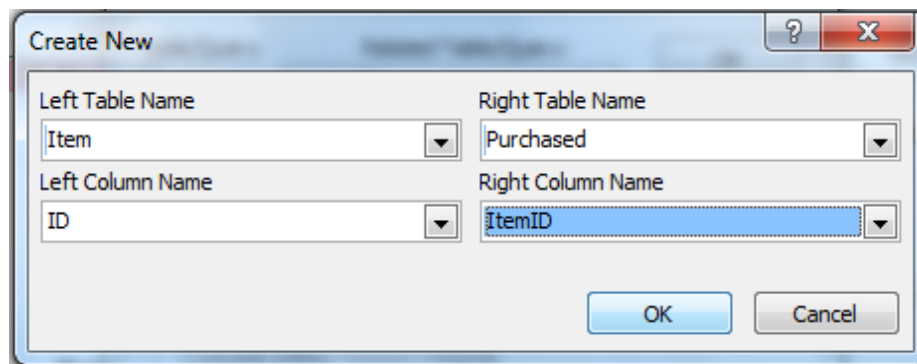
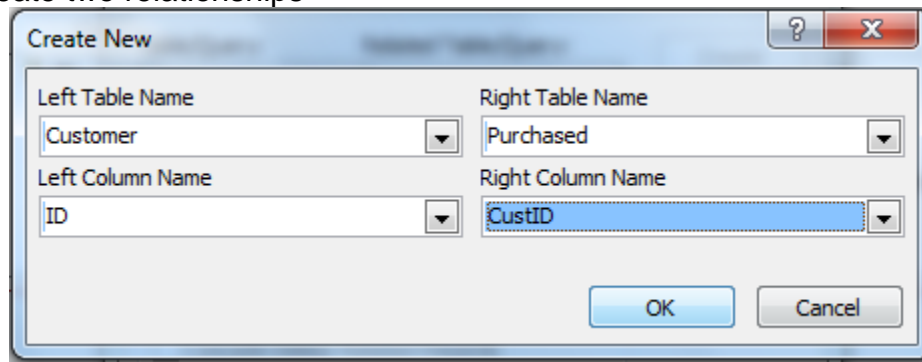
1. Get the ValidStore.acdb database from managebac.
2. First, set up the relationships.



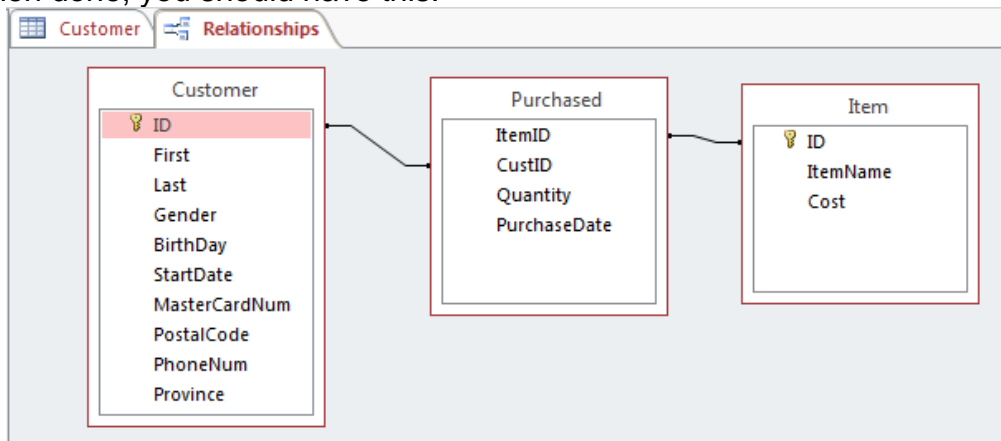
3. Add all three tables, then choose edit relationship



4. Create two relationships



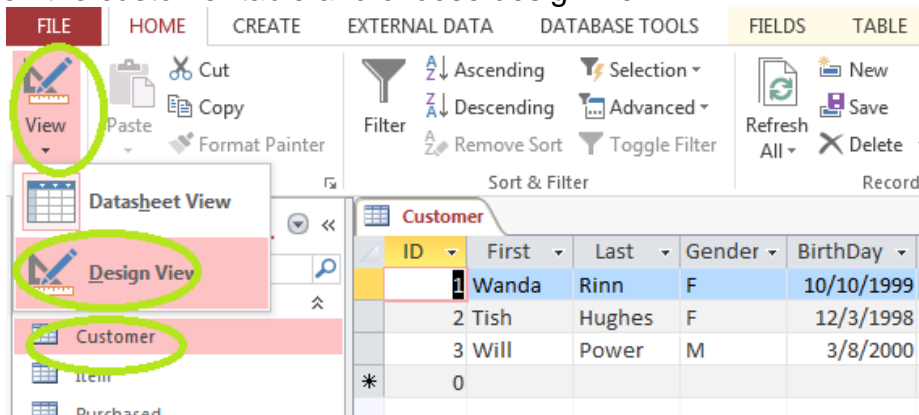
5. When done, you should have this:



6. Save the relationship.

B. Validation Rules

7. Open the customer table and choose design view.

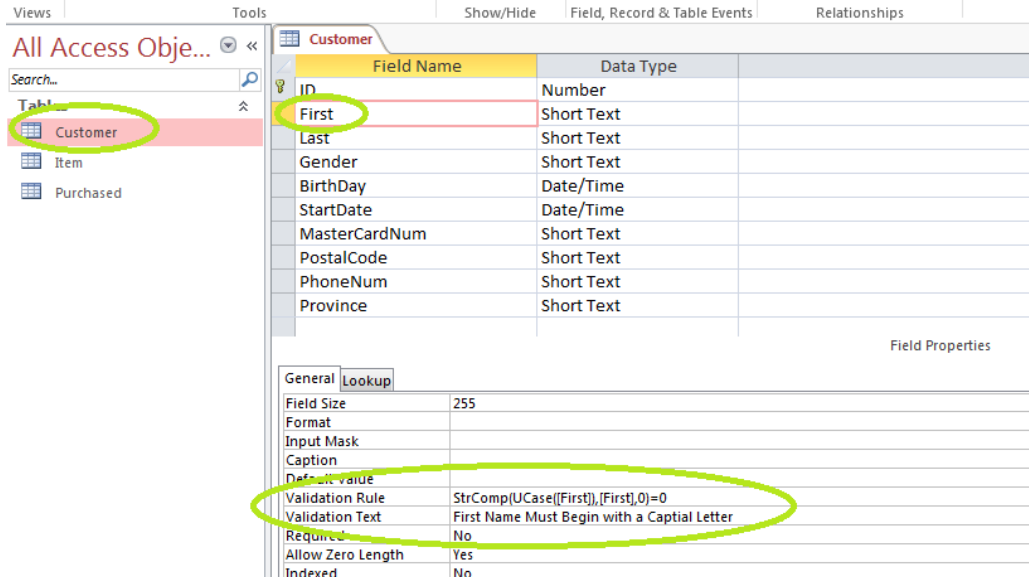


8. Select the First Field.

a. Enter the following validation rule:

`StrComp(UCase(Mid([First],1,1)),Mid([First],1,1),0)=0`

b. Enter the following error message: First Name Must Begin with a Capital Letter

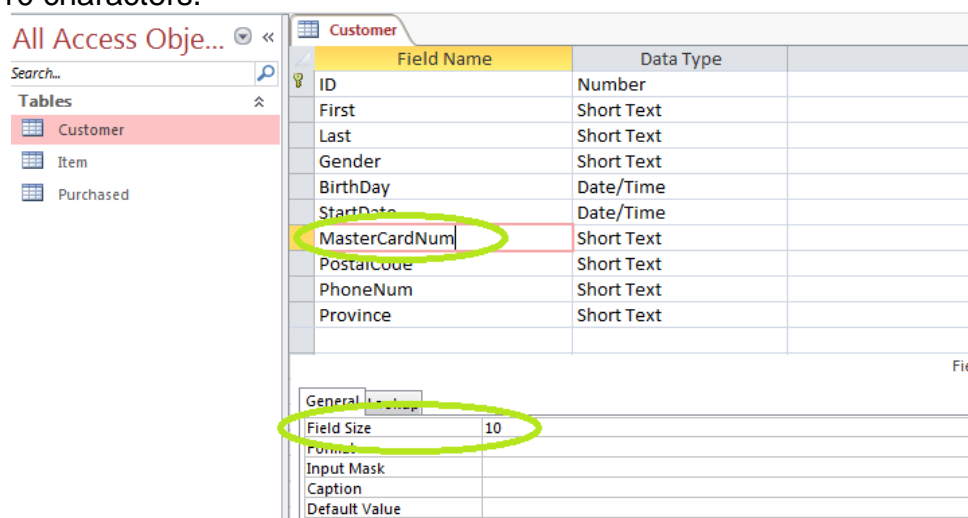


9. Enter the other validation rules

Table.Field	Validation Rule	Error Message
Customer.FirstName	StrComp(UCase(Mid([First],1,1)),Mid([First],1,1),0)=0	First Name Must Begin with a Capital Letter
Customer.LastName	StrComp(UCase(Mid([Last],1,1)),Mid([Last],1,1),0)=0	Last Name Must Begin with a Capital Letter
Customer.BirthDay	< Date()	A Birthdate cannot be in the future.
Customer.StartDate	>#1/1/2007#	Customer is too young.

C. Field Sizes

10. We can also adjust the field sizes to limit characters. Set the Field Size for the MasterCardNum to 10 characters.

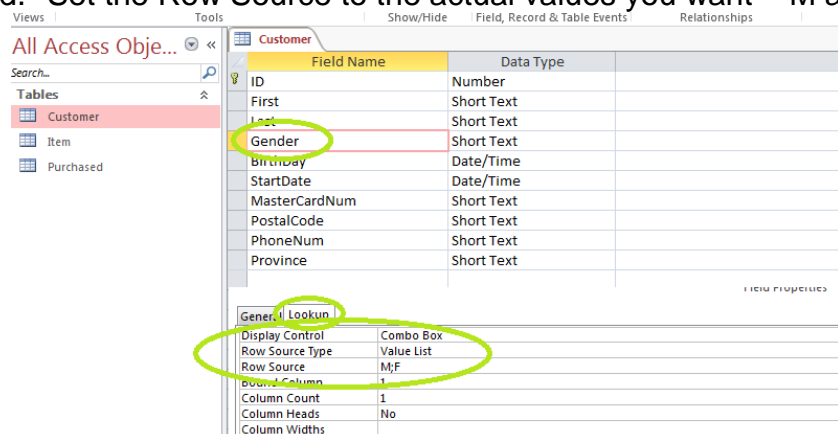


11. In the same way, limit the PostalCode to 6 characters.

D. Setting up the Fields for the Form

12. You want to do three things to the Gender Field.

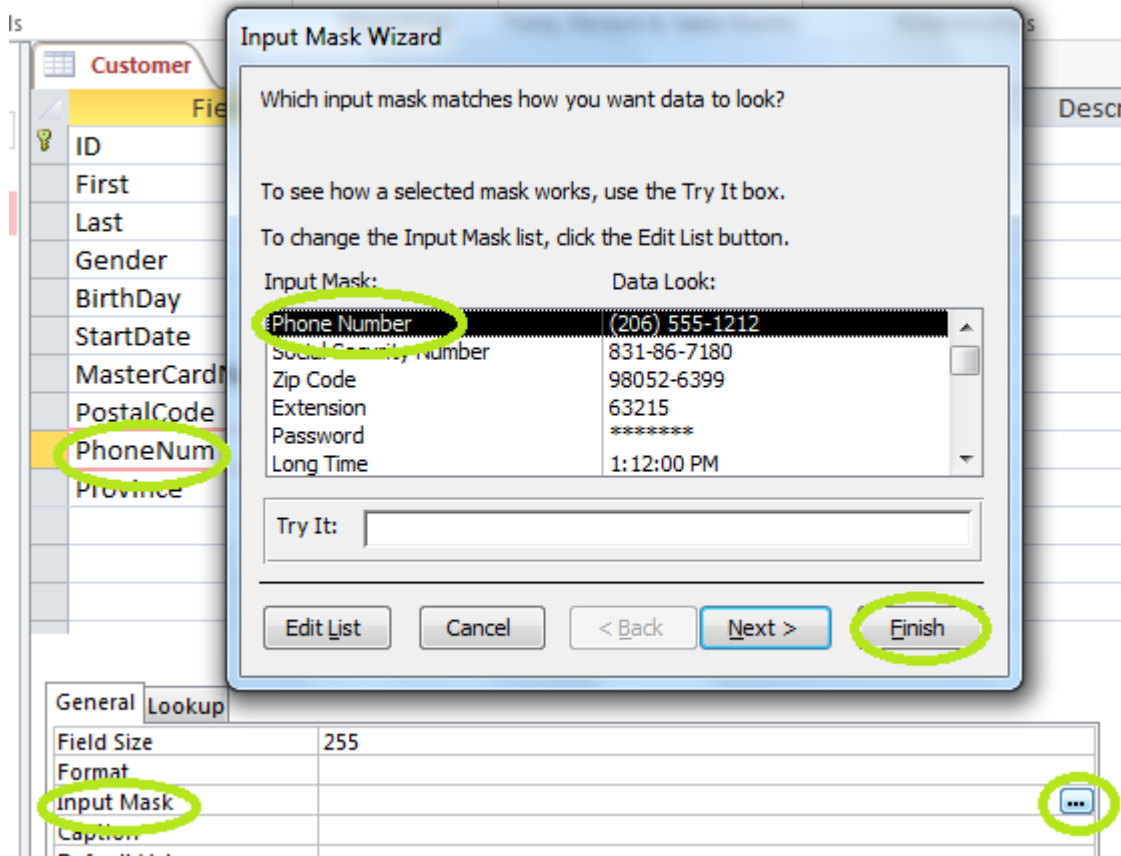
- Go to the lookup tab at the bottom.
- Set the Display Control to Combo Box
- Set the Row Source Type to Value List
- Set the Row Source to the actual values you want – M and F. Type it in this way: M;F



13. Repeat for the Province. The value list will be AB;BC;MB;NB;NL;NS;NT;NU;ON;PE;QC;SK;YT
14. Save. Dialog boxes will appear. Click OK.

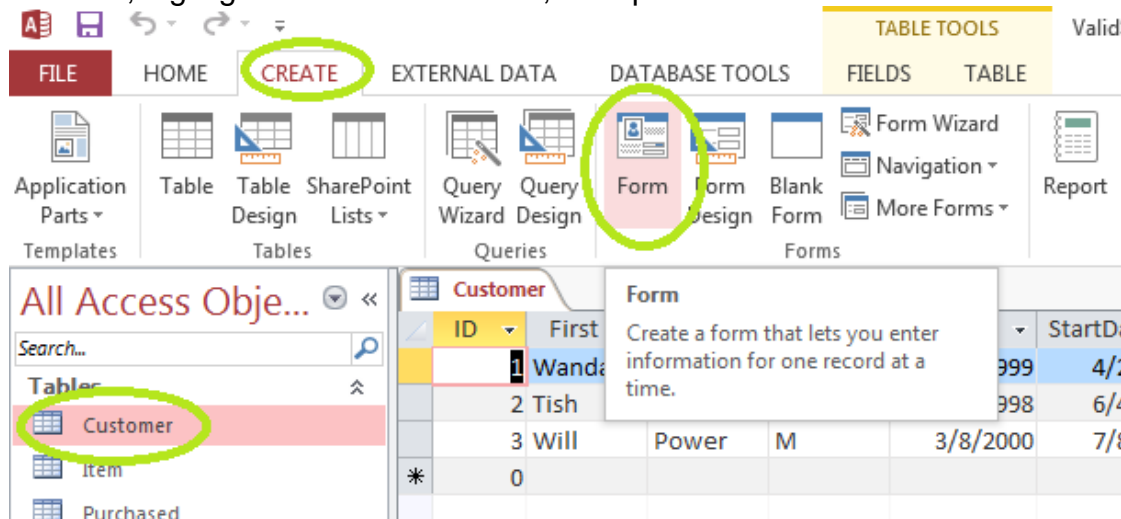
E. Entry Mask

15. An input mask guides the user to enter the data correctly. Set one up for the phone number.
16. Choose the ... on the input mask place, then pick the default and finish.



F. Make An Entry Form for the Customer Table.

17. Pick Create, highlight the Customer table, then pick form.



18. This appears. Switch to Form View.

Customer

ID	First	Last	Gender	BirthDay	StartDate	MasterCardNum	PostalCode	PhoneNum	Province
2	Tish	Hughes	F	12/3/1998	6/4/2010	4356753456	L6V3E6	(905) 453-9220	ON

ItemID	Quantity	PurchaseDate
1	4	11/4/2014
4	3	11/3/2014
6	2	11/2/2014
*	0	0

19. Test out your validation rules.

Customer

ID	First	Last	Gender	BirthDay	StartDate	MasterCardNum	PostalCode	PhoneNum
1	george	Rinn	F	10/10/1999	4/2/2009	5046789345	L6V2F5	(905) 453-9221

Microsoft Access

First Name Must Begin with a Capital Letter

OK Help

Customer

Customer

Customer

ID

1

First

Wanda

Last

Rinn

Gender

F

BirthDay

10/10/1999

StartDate

4/2/2008

MasterCardNum

5046789345

PostalCode

L6V2F5

PhoneNum

() - -