ISC 329: Group Project **Plumeria Café** – SQL November 5, 2017

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**Create table** *Customers*

|  |  |
| --- | --- |
| (cID  | Char(5) |
| c\_First\_Given\_Name  | Char(12) |
| c\_Last\_Family\_Name | Char(20) |
|  c\_Billing\_Address | Char(40) |
|  c\_Contact\_Number | Char(14) |

**primary key** (cID) )

**Create table** *Café\_Computers*

|  |  |
| --- | --- |
| ( cComputerID (primary) | Char(5) |
| cBrand | Char (7) |
| cServiceTag | Char(12) |
| cMonitor | Char(25) |
| cKeyboard\_Type | Char(25) |
| cMouse\_Type | Char(25) |
| cSurge\_Protector | Char(30) |
| cSurge\_Battery\_Type | Char(20) |
| cSystem | Char (15) |
| cDeskLocation | Char (2) |
|  RouterID |  |

**primary key** (cComputerID)

**foreign key** (RouterID) **from** *Internet\_Routers*) )

**Create table** *Computer\_Log*

|  |  |
| --- | --- |
| (CounterCode  | int |
| Date\_Of\_Use  |  |
| cID  |  |
| cDeskLocation  |  |

**primary key** (CounterCode)

**foreign key** (cID) **from** *Customers*)

**foreign key** (cDeskLocation) **from** *Café\_Computers*) )

\*some information is based off notes in an ACCESS file

**Create table** *Employees*

**(eID** Char(5)

e\_First\_Given\_Nam Char(12)

 e\_Last\_Family\_Name Char(20)

Position Char (20)

e\_Local\_Address Char(40)

e\_Perm\_Address Char(40)

e\_Contact\_Number Char(14)

**primary key** (eID)

**foreign key** (wComputerID) )

**Create table** *Work\_Computers*

|  |  |
| --- | --- |
| ( wComputerID  | Char (5) |
|  wBrand | Char (7) |
|  wServiceTag | Char(12) |
|  wMonitor | Char(25) |
|  wKeyboard\_Type | Char(25) |
|  wSurge\_Protector | Char(30) |
|  wSurge\_Battery\_Type | Char(20) |
|  wSystem | Char (15) |
|  wMouse\_Type | Char(25) |
|  wLocation | Char(10) |
|  RouterID  |  |

**primary key** (wComputerID)

**foreign key** (RouterID) **from** *Internet\_Routers) )*

**Create table** *Internet\_Routers*

( RouterID Char(5)

 rBrand Char (25)

rSerial\_Number Char (12)

**primary key** (RouterID) )

***Customers*** (cID (primary), c\_First\_Given\_Name , c\_Last\_Family\_Name, c\_Billing\_Address, c\_Contact\_Number)

***Employees*** (eID (primary), e\_First\_Given\_Name, e\_Last\_Family\_Name, Position, e\_Local\_Address, e\_Perm\_Address, e\_Contact\_Number, wComputerID\* (foreign key))

\*”Assigned\_Computer” used by “Employees”, although the employees may use any of the “Work\_Computers”.

***Café\_Computers*** ( cComputerID (primary), cBrand, cServiceTag, cMonitor, cKeyboard\_Type, cMouse\_Type, cSurge\_Protector, cSurge\_Battery\_Type, cSystem, cDeskLocation, RouterID (foreign key))

***Work\_Computers*** ( wComputerID (primary), wBrand, wServiceTag, wMonitor, wKeyboard\_Type, wSurge\_Protector, wSurge\_Battery\_Type, wSystem, wMouse\_Type, wLocation, RouterID (foreign key) )

***Internet\_Routers*** ( RouterID (primary), rBrand, rSerial\_Number )

***Computer\_Log*** (CounterCode\* (primary), Date\_Of\_Use, cID (foreign key), cDeskLocation (foreign key) )

\*Unique Code in “Computer\_Log,” to tally the number of times a Café Computer is checked out or used.