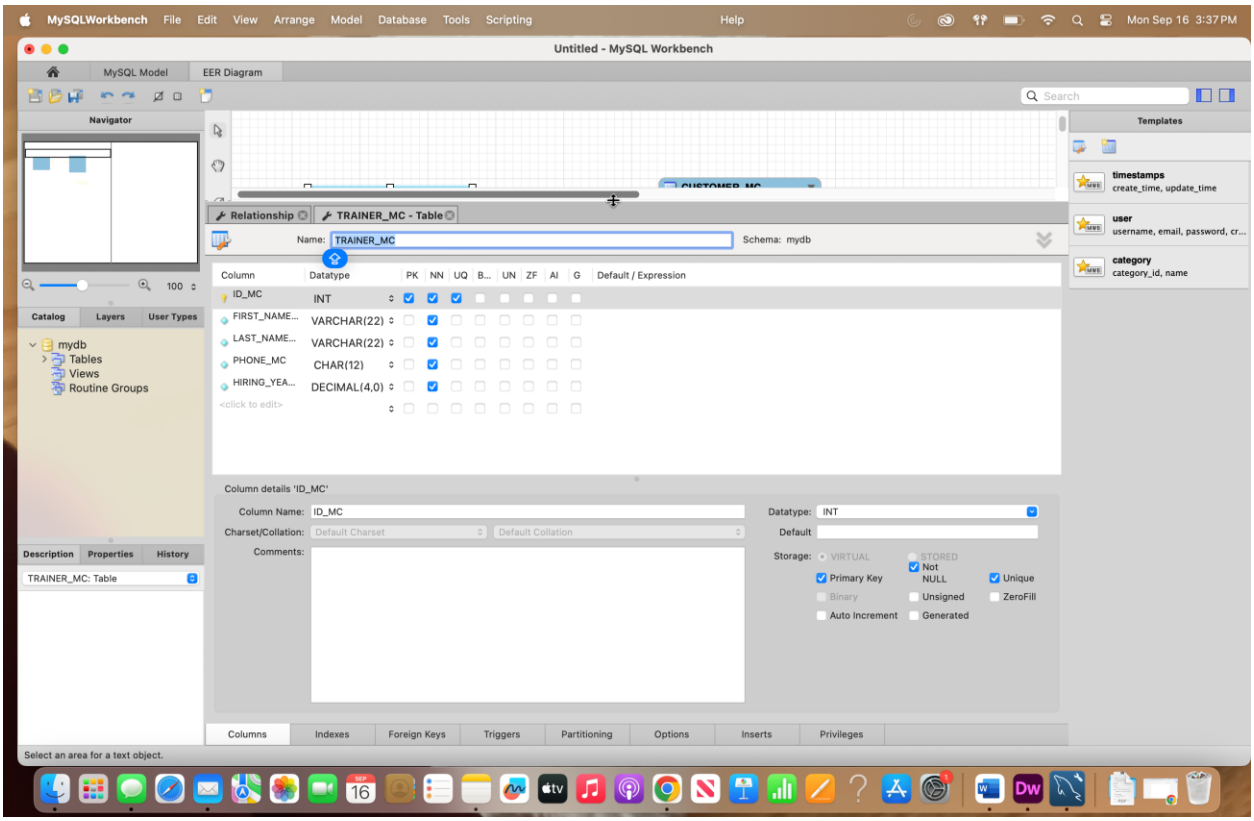
Madison Cabrera

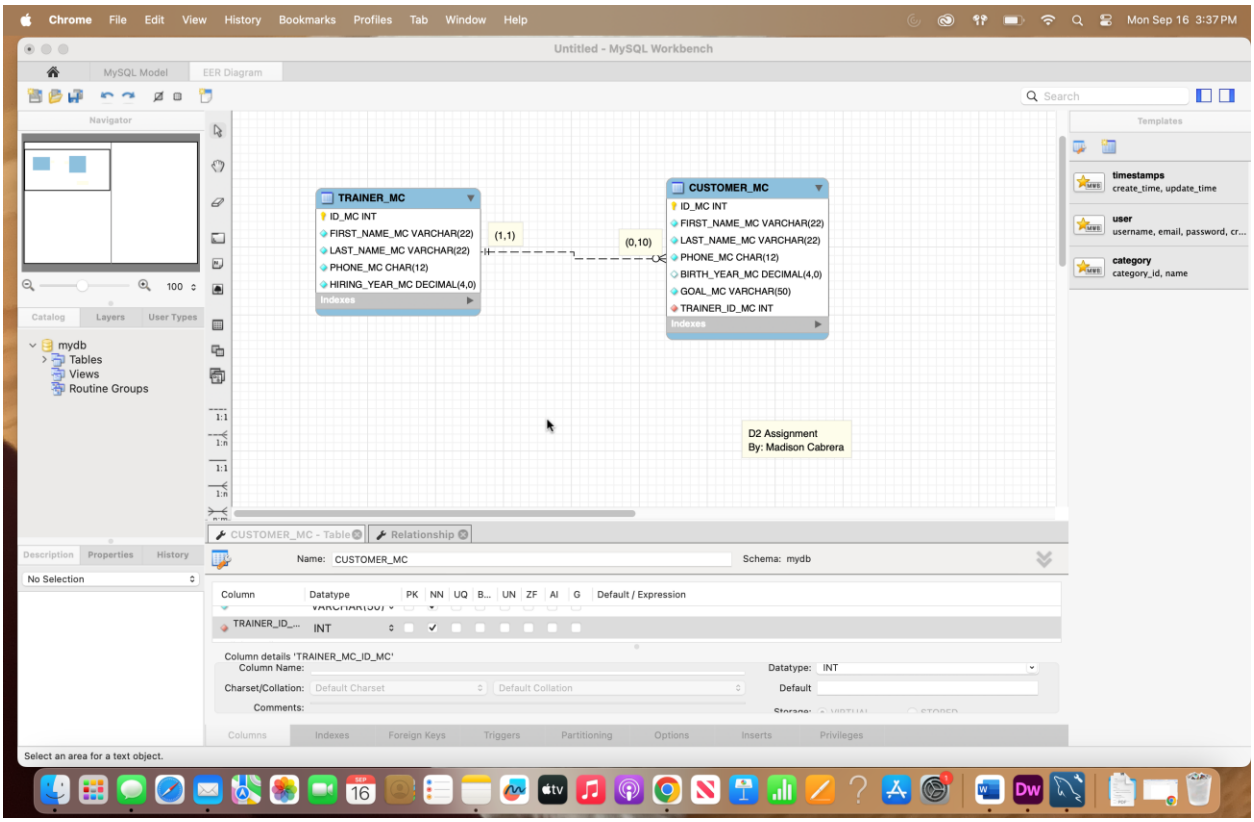
IT-214-006

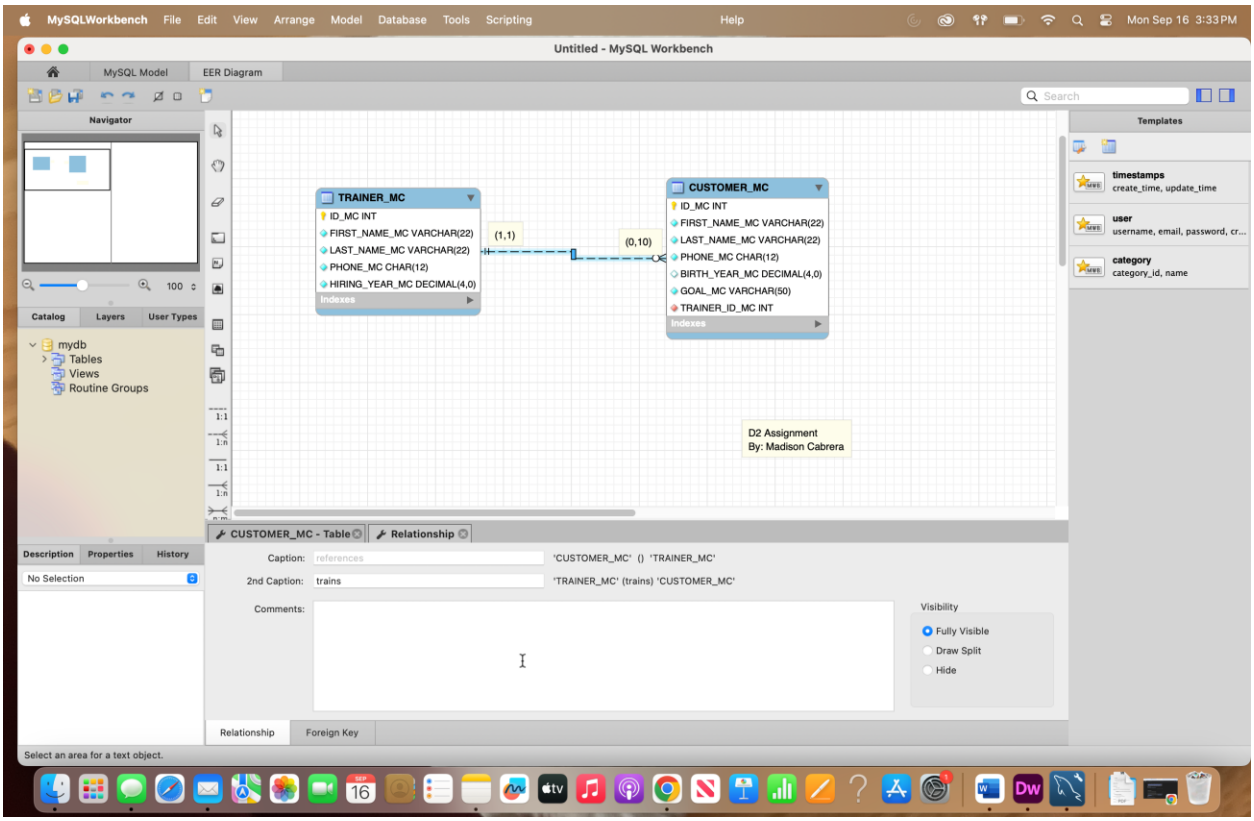
“Trainer and Customer Relationships”

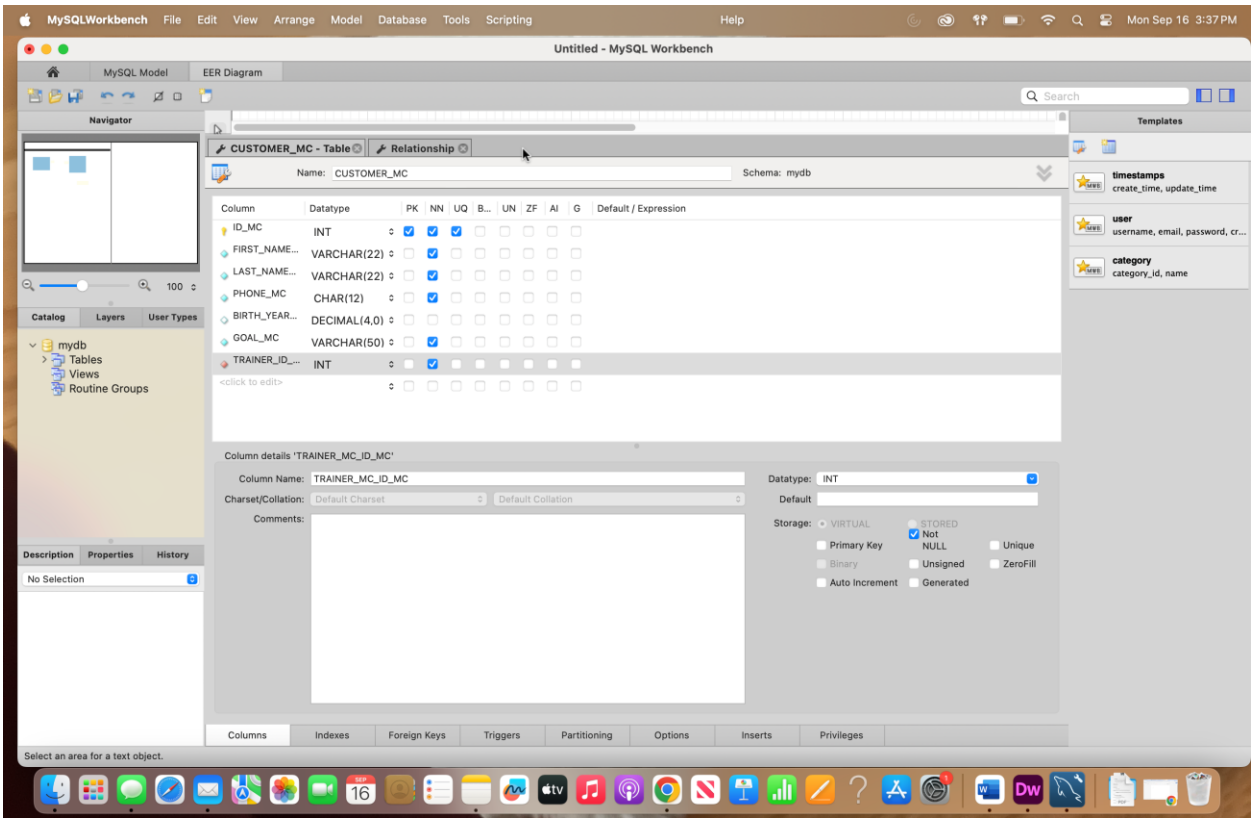
This database outlines the relationships between customers and their trainers. A trainer may have up to ten customers, but a customer may have only 1 trainer. Each entity has several attributes, but the primary keys that connect both are the surrogate keys “ID.”

*For some reason, the relationship would not display on the screen for the table, but I do have the correct command in the system, screenshot attached below.


MySQLWorkbench File Edit View Arrange Model Database Tools Scripting Help
Mon Sep 16 3:37 PM
Untitled - MySQL Workbench
MySQL Model
EER Diagram
Navigator
Templates
timestamps
create_time, update_time
user
username, email, password, cr...
category
category_id, name
Relationship
TRAINER_MC - Table
Name: TRAINER_MC
Schema: mydb
Column
Datatype
PK
NN
UQ
B...
UN
ZF
AI
G
Default / Expression
ID_MC
INT
FIRST_NAME...
VARCHAR(22)
LAST_NAME...
VARCHAR(22)
PHONE_MC
CHAR(12)
HIRING_YEA...
DECIMAL(4,0)
<click to edit>
Column details 'ID_MC'
Column Name: ID_MC
Datatype: INT
Charset/Collation: Default Charset
Default Collation
Default
Comments:
Storage:
VIRTUAL
STORED
Not NULL
Primary Key
Unique
Binary
Unsigned
ZeroFill
Auto Increment
Generated
Catalog
Layers
User Types
mydb
Tables
Views
Routine Groups
Description
Properties
History
TRAINER_MC: Table
Columns
Indexes
Foreign Keys
Triggers
Partitioning
Options
Inserts
Privileges
Select an area for a text object.


Chrome File Edit View History Bookmarks Profiles Tab Window Help
Mon Sep 16 3:37 PM
Untitled - MySQL Workbench
MySQL Model
EER Diagram
Navigator
Templates
timestamps
create_time, update_time
user
username, email, password, cr...
category
category_id, name
TRAINER_MC
ID_MC INT
FIRST_NAME_MC VARCHAR(22)
LAST_NAME_MC VARCHAR(22)
PHONE_MC CHAR(12)
HIRING_YEAR_MC DECIMAL(4,0)
Indexes
(1,1)
(0,10)
CUSTOMER_MC
ID_MC INT
FIRST_NAME_MC VARCHAR(22)
LAST_NAME_MC VARCHAR(22)
PHONE_MC CHAR(12)
BIRTH_YEAR_MC DECIMAL(4,0)
GOAL_MC VARCHAR(50)
TRAINER_ID_MC INT
Indexes
D2 Assignment
By: Madison Cabrera
CUSTOMER_MC - Table
Relationship
Name: CUSTOMER_MC
Schema: mydb
Column
Datatype
PK
NN
UQ
B...
UN
ZF
AI
G
Default / Expression
TRAINER_ID_...
INT
Column details 'TRAINER_MC_ID_MC'
Column Name:
Datatype: INT
Charset/Collation: Default Charset
Default Collation
Default
Comments:
Catalog
Layers
User Types
mydb
Tables
Views
Routine Groups
Description
Properties
History
No Selection
Columns
Indexes
Foreign Keys
Triggers
Partitioning
Options
Inserts
Privileges
Select an area for a text object.


MySQLWorkbench File Edit View Arrange Model Database Tools Scripting Help Mon Sep 16 3:33 PM
Untitled - MySQL Workbench
MySQL Model
EER Diagram
Navigator
Templates
TRAINER_MC
ID_MC INT
FIRST_NAME_MC VARCHAR(22)
LAST_NAME_MC VARCHAR(22)
PHONE_MC CHAR(12)
HIRING_YEAR_MC DECIMAL(4,0)
Indexes
(1,1)
(0,10)
CUSTOMER_MC
ID_MC INT
FIRST_NAME_MC VARCHAR(22)
LAST_NAME_MC VARCHAR(22)
PHONE_MC CHAR(12)
BIRTH_YEAR_MC DECIMAL(4,0)
GOAL_MC VARCHAR(50)
TRAINER_ID_MC INT
Indexes
D2 Assignment
By: Madison Cabrera
timestamps
create_time, update_time
user
username, email, password, cr...
category
category_id, name
Catalog
Layers
User Types
mydb
Tables
Views
Routine Groups
CUSTOMER_MC - Table
Relationship
Description
Properties
History
No Selection
Caption:
'CUSTOMER_MC' () 'TRAINER_MC'
2nd Caption:
trains
'TRAINER_MC' (trains) 'CUSTOMER_MC'
Comments:
Visibility
Fully Visible
Draw Split
Hide
Relationship
Foreign Key
Select an area for a text object.


MySQLWorkbench File Edit View Arrange Model Database Tools Scripting Help Mon Sep 16 3:37 PM
Untitled - MySQL Workbench
MySQL Model
EER Diagram
Navigator
Templates
CUSTOMER_MC - Table
Relationship
Name: CUSTOMER_MC
Schema: mydb
Column
Datatype
PK
NN
UQ
B...
UN
ZF
AI
G
Default / Expression
ID_MC INT
FIRST_NAME... VARCHAR(22)
LAST_NAME... VARCHAR(22)
PHONE_MC CHAR(12)
BIRTH_YEAR... DECIMAL(4,0)
GOAL_MC VARCHAR(50)
TRAINER_ID_... INT
<click to edit>
Column details 'TRAINER_MC_ID_MC'
Column Name: TRAINER_MC_ID_MC
Datatype: INT
Charset/Collation: Default Charset
Default Collation
Default
Comments:
Storage: VIRTUAL STORED
Primary Key
Not NULL
Unique
Binary
Unsigned
ZeroFill
Auto Increment
Generated
timestamps
create_time, update_time
user
username, email, password, cr...
category
category_id, name
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Select an area for a text object.