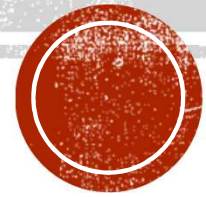


# IT125 SQL: SAMPLE DB EERS

EERs for sample databases we'll use during the quarter







Bill Barry



# MYSQL EER ICON LEGEND

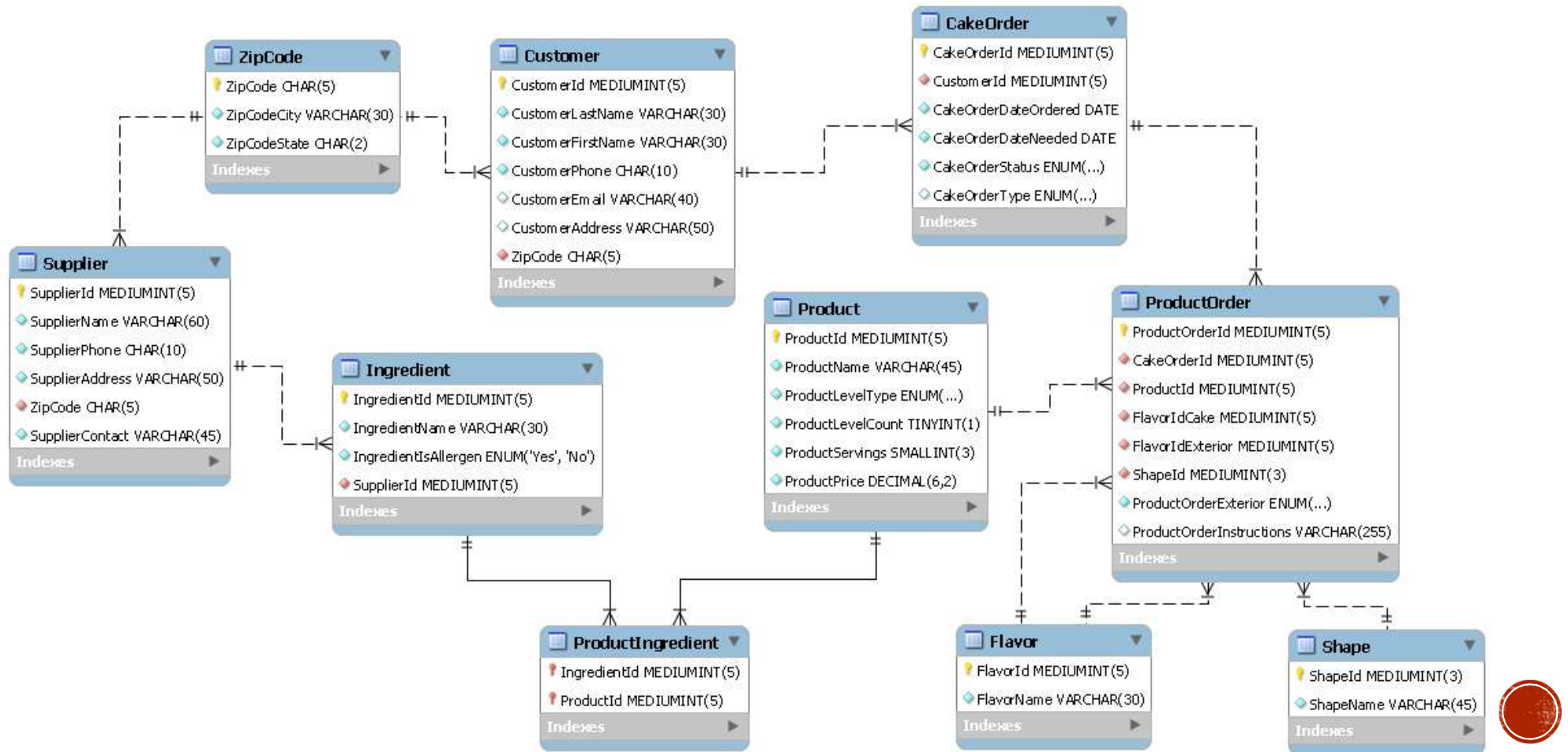
-  Key: (Part of) Primary Key
-  Filled Diamond: NOT NULL
-  Not filled Diamond: NULL
-  Red colored: (Part of) Foreign key
-  Blue lined Diamond: Simple attribute (no key)

Can be combined for example:

-  is a Red colored Key so it's a Primary Key which is also a Foreign Key
-  is a Yellow (non Red) Key so it's only a Primary Key
-  is a blue lined filled diamond so it's a NOT NULL simple attribute
-  is a red colored filled diamond so it's a NOT NULL Foreign Key
-  is a blue lined not filled diamond so it's a simple attribute which can be NULL
-  is a red colored not filled diamond so it's a Foreign Key which can be NULL

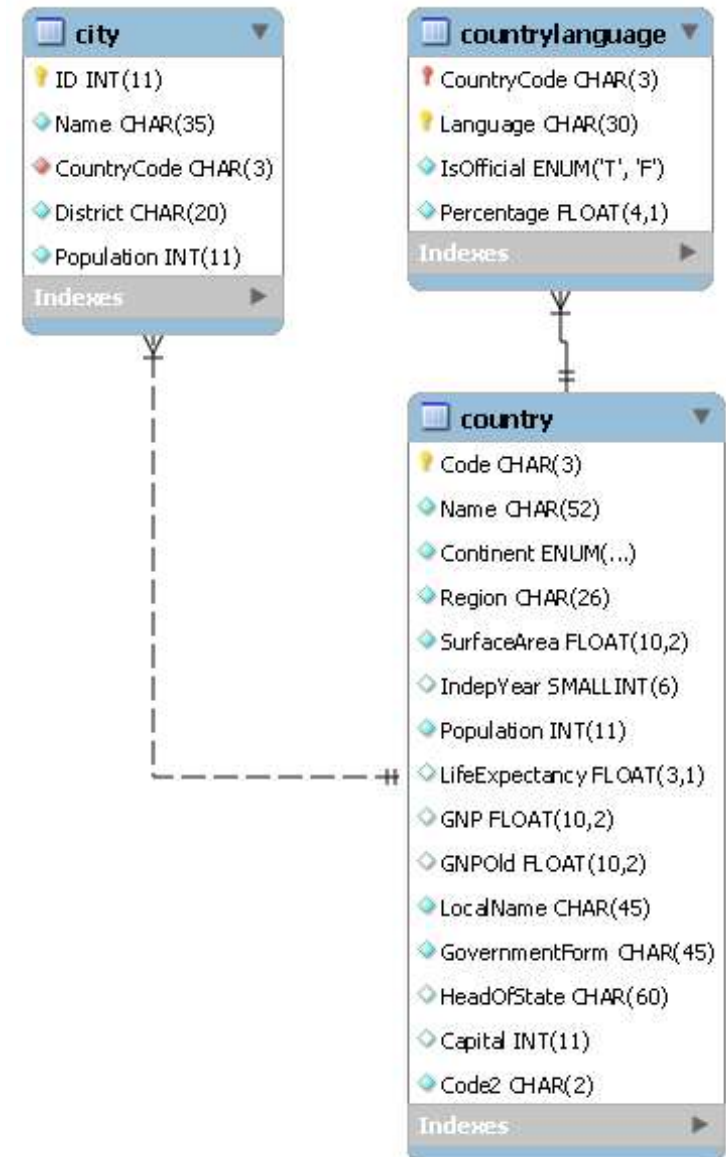


# EER FOR CATHY'S CAKES DB (FROM BILL)



# EER FOR MYSQL WORLD DB

- World is a MySQL sample database

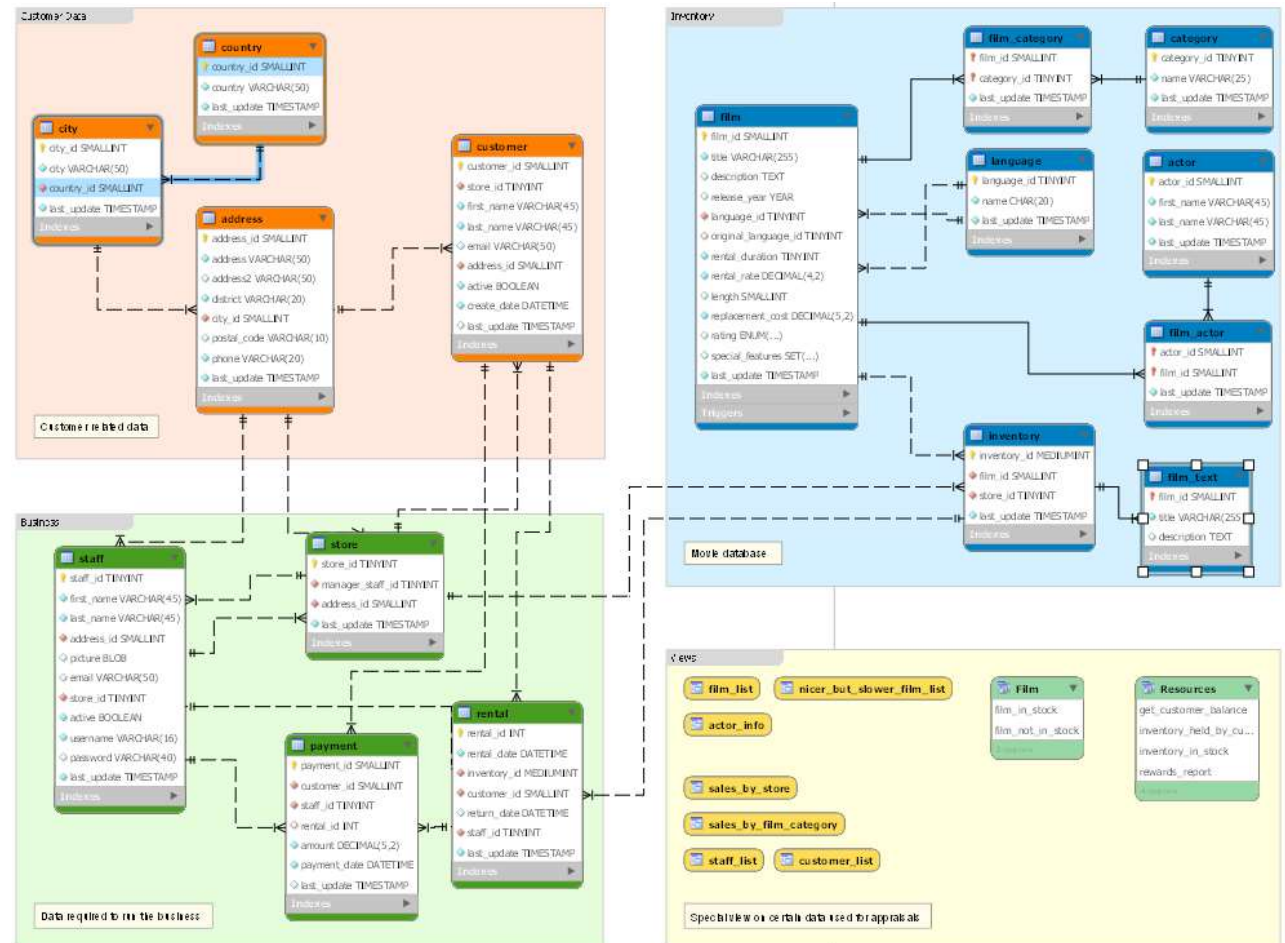




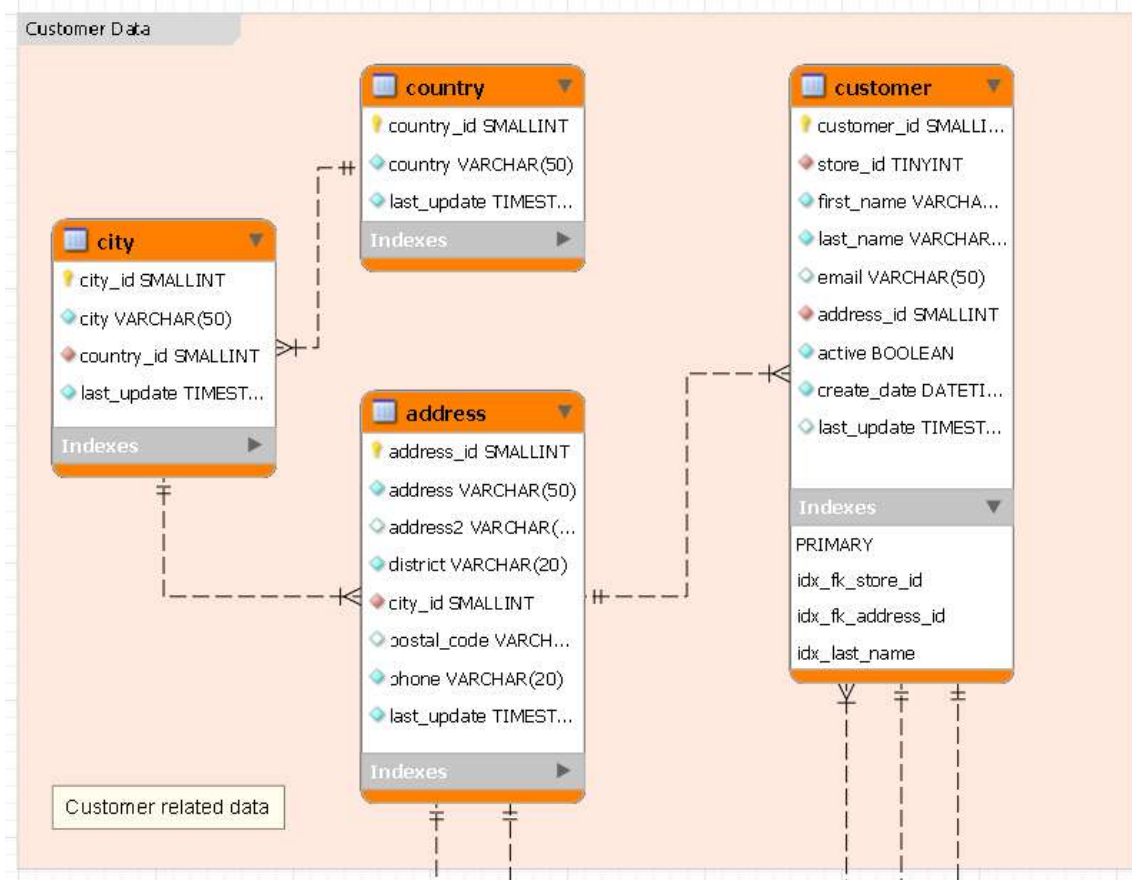
# EER FOR MYSQL

## SAKILA DB

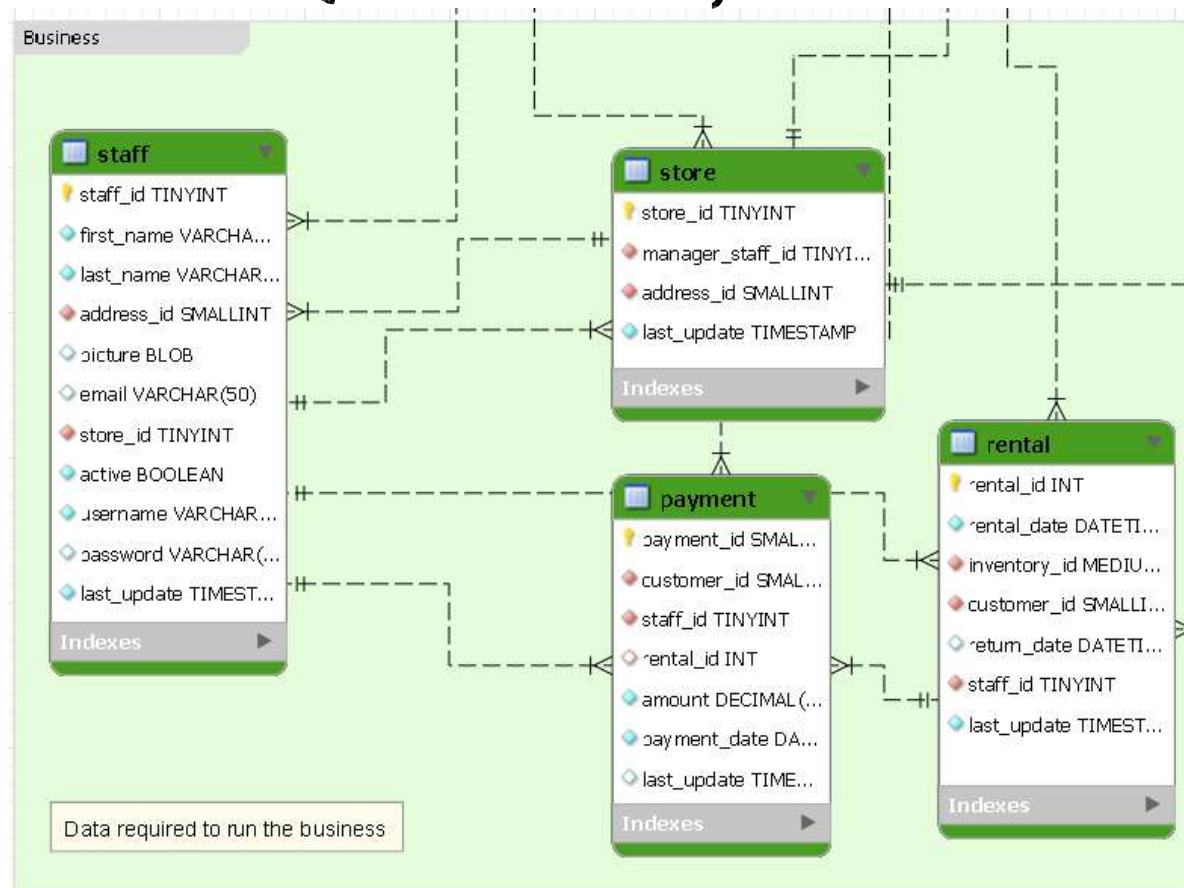
- Sakila is a MySQL sample database



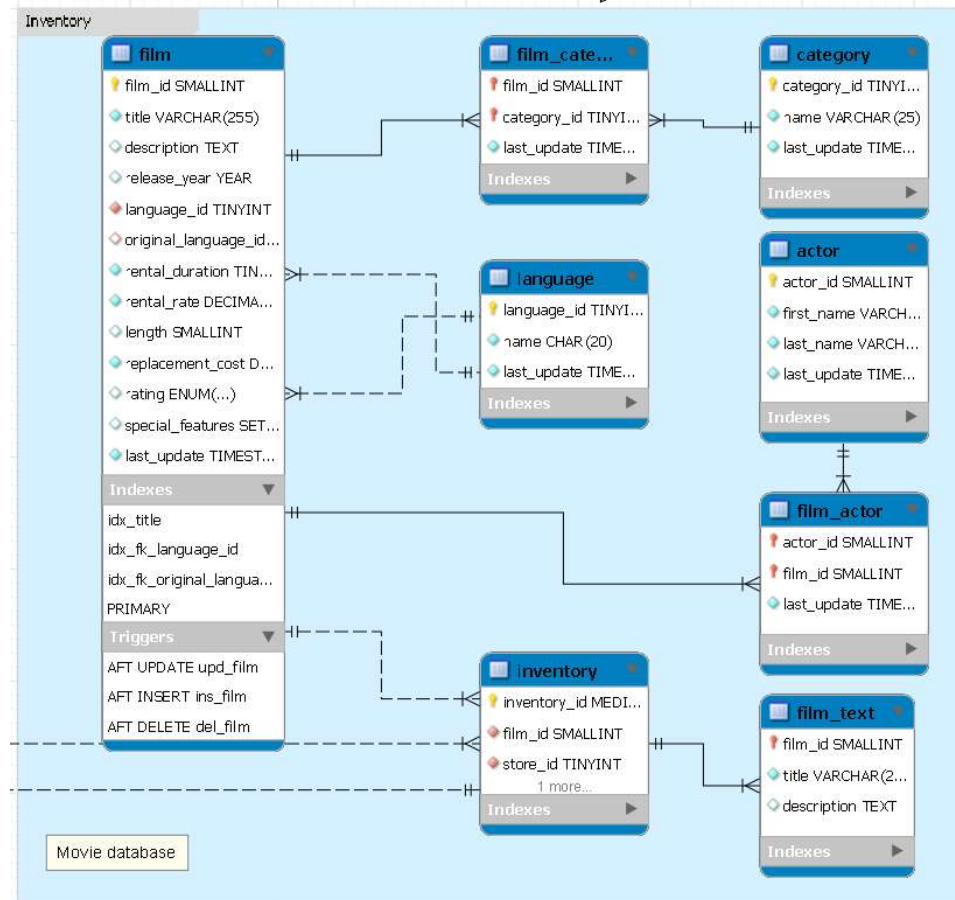
# EER FOR MYSQL SAKILA, CUSTOMER ZOOM



# EER FOR MYSQL SAKILA, BUSINESS ZOOM

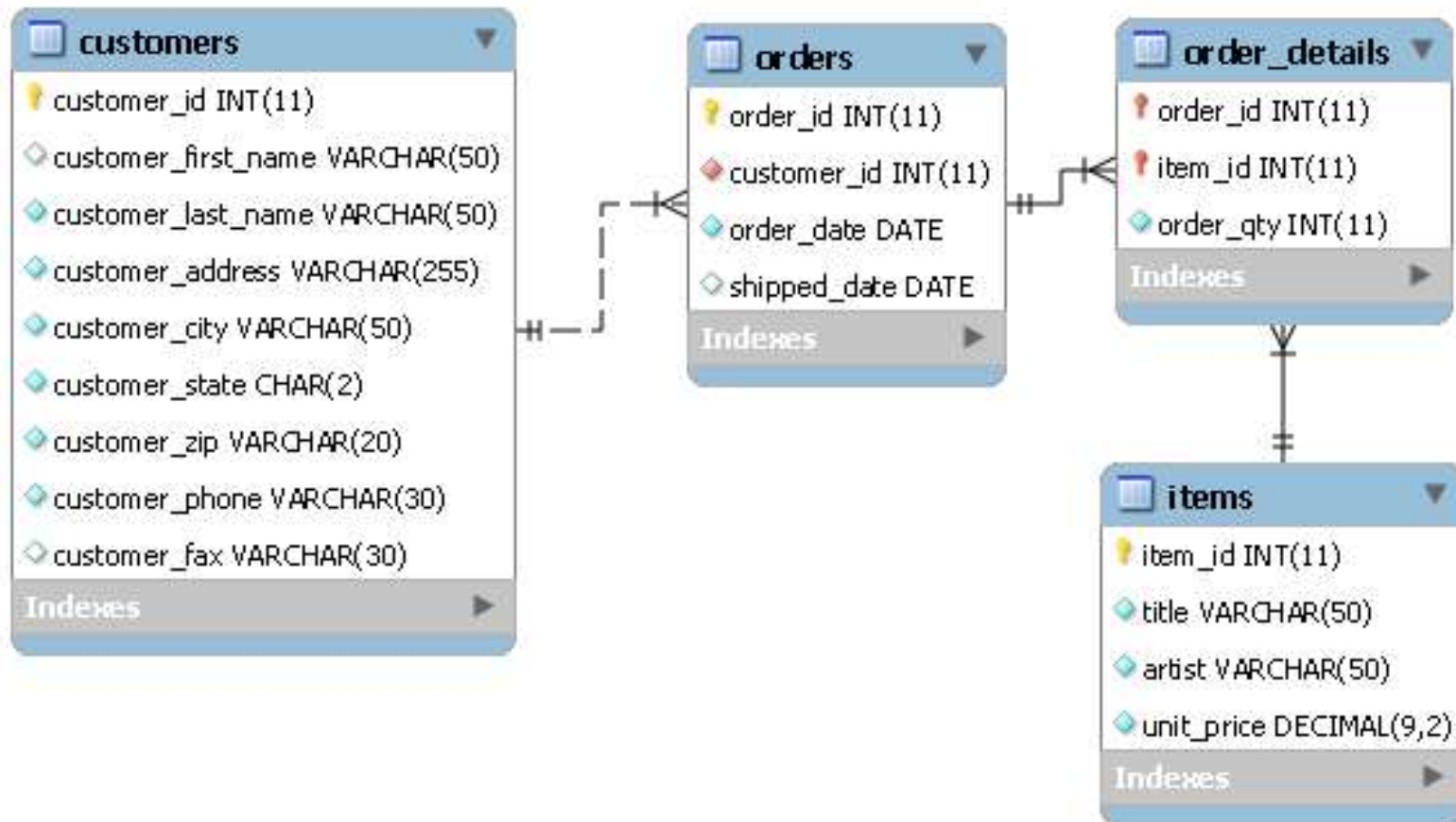


# EER FOR MYSQL SAKILA, INVENTORY ZOOM

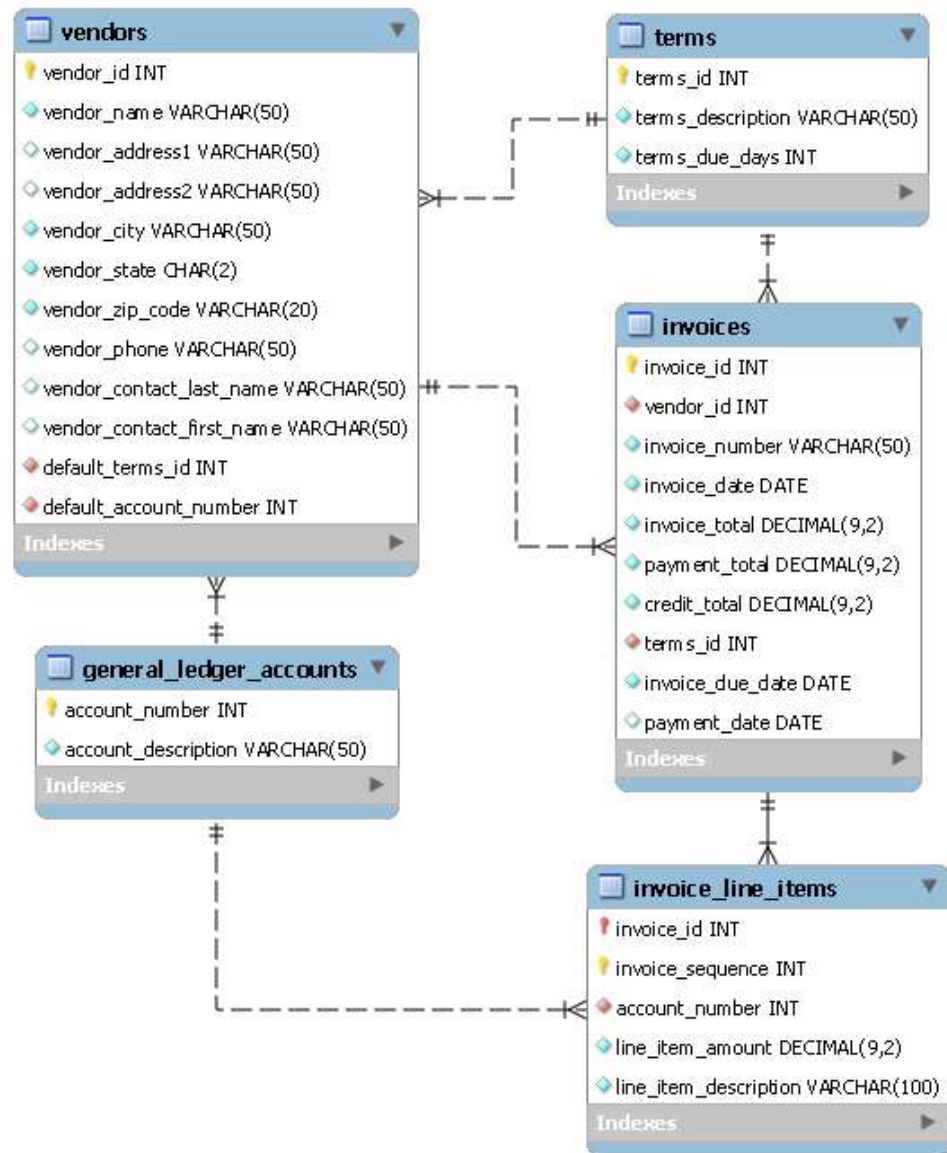




# EER FOR OM (TEXTBOOK SAMPLE DB)



# EER FOR AP (TEXT SAMPLE DB)



# EER FOR EX (TEXTBOOK SAMPLE DB)

null_sample
invoice_id INT(11)
invoice_total DECIMAL(9,2)
Indexes

color_sample
color_id INT(11)
color_number INT(11)
color_name VARCHAR(50)
Indexes

float_sample
float_id INT(11)
float_value DOUBLE

string_sample
emp_id VARCHAR(3)
emp_name VARCHAR(25)

date_sample
date_id INT(11)
start_date DATETIME

active_invoices
invoice_id INT(11)
vendor_id INT(11)
invoice_number VARCHAR(50)
invoice_date DATE
invoice_total DECIMAL(9,2)
payment_total DECIMAL(9,2)
credit_total DECIMAL(9,2)
terms_id INT(11)
invoice_due_date DATE
payment_date DATE

paid_invoices
invoice_id INT(11)
vendor_id INT(11)
invoice_number VARCHAR(50)
invoice_date DATE
invoice_total DECIMAL(9,2)
payment_total DECIMAL(9,2)
credit_total DECIMAL(9,2)
terms_id INT(11)
invoice_due_date DATE
payment_date DATE

customers
customer_id INT(11)
customer_last_name VARCHAR(30)
customer_first_name VARCHAR(30)
customer_address VARCHAR(60)
customer_city VARCHAR(15)
customer_state VARCHAR(15)
customer_zip VARCHAR(10)
customer_phone VARCHAR(24)

projects
project_number VARCHAR(5)
employee_id INT(11)



**THE END**

