Customer Rules

Customer
cust_id: 1
first_name: "Miles"
last_name: "Horton"
email: "m.hornton@email.com"
date_of_birth: "01-12-1930"
user_name: "TimHorton"

A Customer has one subscription (1.1)
A Subscription type can have many Customers (1.*)

Subscription
subscript_type : "Basic"
date_created: "04-01-2019"
date_expires: "05-01-2019"

Customer
cust_id: 1
first_name: "Miles"
last_name: "Horton"
email: "m.hornton@email.com"
date_of_birth: "01-12-1930"
user_name: "TimHorton"

A Customer has one billing address (1.1)
A billing address can have many customers (1.*)

Billing Address
Street : "123 Maple"
City: "Toronto"
State: "Ontario"
Country: "Canada"
Zip: 12345-35

<-- Note
A wife, or roommate may have their own paid for account at the same address

Customer
cust_id: 1
first_name: "Miles"
last_name: "Horton"
email: "m.hornton@email.com"
date_of_birth: "01-12-1930"
user_name: "TimHorton"

A Customer can have many sub users (1.*)
A sub user belongs to one customer (1.1)

Sub User
username: "LittleHorton2011"
permission_level: "PG"

Customer
cust_id: 1
first_name: "Miles"
last_name: "Horton"
email: "m.hornton@email.com"
date_of_birth: "01-12-1930"
user_name: "TimHorton"

A Customer can have many payment options (1.*)
A payment option can belong to many customers (*.*)

Payment Option
payment_type: "creditcard"
first_name:
last_name:
cc_num:
cvc_num:
exp_date:

<-- Note
Some people pay for other peoples accounts

Subscription
subscript_type : "Basic"
date_created: "04-01-2019"
date_expires: "05-01-2019"

A Subscription has one Transaction(1.1)
A Transaction belongs to one Subscription

Transaction
trans_id : 1
cust_id : 1
trxn_date: "04-01-2019"
order_item: "Basic"
recurring_payment: 1 (true)
amount: 9.99

<-- Note
When a transaction occurs, a new subscription is created

Customer
cust_id: 1
first_name: "Miles"
last_name: "Horton"
email: "m.hornton@email.com"
date_of_birth: "01-12-1930"
user_name: "TimHorton"

A Customer can have many Transactions (1.*)
A Transaction belongs to one Customer (1.1)

Transaction
trans_id : 1
cust_id : 1
trxn_date: "04-01-2019"
order_item: "Basic"
recurring_payment: 1 (true)
amount: 9.99

Video Rules

Video
name: "War of Chairs"
genre: ["Fantasy","Adventure"]
permission: "R"
type: "Series"
season: 1
episode:2

A Video can have many Genres (*.*)
A Genre can have many Vidoes (*.*)

Genre
name: "Fantasy"

Video
name: "War of Chairs"
genre: ["Fantasy","Adventure"]
permission: "R"
type: "Series"
season: 1
episode:2

A Video has one Permission level(1.1)
A Permission level belongs to many Vidoes (1.*)

Permission
level: "R"

Video
name: "Meet the Grandparents"
genre: ["Comedy","Romance"]
permission: "PG13"
type: "Movie"
season: NULL
episode:NULL

A Video has one Type (1.1)
A Type belongs to many Vidoes (1.*)

Type
type: "Movie"