-- MySQL Script generated by MySQL Workbench

-- 05/28/17 16:52:36

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema pruebainter

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CREATE SCHEMA IF NOT EXISTS interbolsa DEFAULT CHARACTER SET latin1 COLLATE latin1\_spanish\_ci ;

USE interbolsa ;

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-- Table persona

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CREATE TABLE IF NOT EXISTS persona (

pnit INT UNSIGNED NOT NULL,

pnombre VARCHAR(250) NOT NULL,

pcontrasena VARCHAR(250) NOT NULL,

pcorreo VARCHAR(250) NULL,

psociedad VARCHAR(250) NULL,

PRIMARY KEY (pnit))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table gravante

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CREATE TABLE IF NOT EXISTS gravante (

nit INT UNSIGNED NOT NULL,

gnombre VARCHAR(250) NOT NULL,

gcontrasena VARCHAR(250) NOT NULL,

gprecio INT UNSIGNED NULL,

gcantidad INT UNSIGNED NULL,

gcorreo VARCHAR(250) NULL,

gsociedad VARCHAR(250) NULL,

PRIMARY KEY (nit))

ENGINE = InnoDB;

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-- Table comercio

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS comercio (

idcomercio INT UNSIGNED NOT NULL AUTO\_INCREMENT,

ccantidad INT UNSIGNED NULL,

gravante\_nit INT UNSIGNED NOT NULL,

persona\_nit INT UNSIGNED NOT NULL,

PRIMARY KEY (idcomercio),

CONSTRAINT fk\_vendidas\_gravante1

FOREIGN KEY (gravante\_nit)

REFERENCES gravante (nit),

CONSTRAINT fk\_comercio\_persona1

FOREIGN KEY (persona\_nit)

REFERENCES persona (pnit))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table asociado

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CREATE TABLE IF NOT EXISTS asociado (

cedula INT UNSIGNED NOT NULL,

anombre VARCHAR(250) NOT NULL,

acontrasena VARCHAR(250) NOT NULL,

persona\_nit INT UNSIGNED NOT NULL,

PRIMARY KEY (cedula),

CONSTRAINT fk\_asociado\_persona1

FOREIGN KEY (persona\_nit)

REFERENCES persona (pnit))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table transaccion

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS transaccion (

idtransaccion INT UNSIGNED NOT NULL AUTO\_INCREMENT,

tdescripcion VARCHAR(250) NULL,

tcantidad INT UNSIGNED NULL,

precio INT UNSIGNED NULL,

tidcomercio INT UNSIGNED NOT NULL,

tgravante\_nit INT UNSIGNED NOT NULL,

tpersona\_pnit INT UNSIGNED NOT NULL,

PRIMARY KEY (idtransaccion),

CONSTRAINT fk\_transaccion\_comercio1

FOREIGN KEY (tidcomercio)

REFERENCES comercio (idcomercio)

)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table proyeccion

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS proyeccion (

idproyeccion INT UNSIGNED NOT NULL,

valor INT UNSIGNED NULL,

prcantidad INT UNSIGNED NULL,

gravante\_nit INT UNSIGNED NOT NULL,

fecha DATE NOT NULL,

PRIMARY KEY (idproyeccion),

CONSTRAINT fk\_proyeccion\_gravante1

FOREIGN KEY (gravante\_nit)

REFERENCES gravante (nit)

)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table restriccion

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS restriccion (

idrestriccion INT NOT NULL,

descripcion VARCHAR(250) NULL,

gravante\_nit INT UNSIGNED NOT NULL,

PRIMARY KEY (idrestriccion),

CONSTRAINT fk\_restriccion\_gravante1

FOREIGN KEY (gravante\_nit)

REFERENCES gravante (nit)

)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table administrador

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS administrador (

nick VARCHAR(250) NOT NULL,

contradmin VARCHAR(250) NOT NULL,

PRIMARY KEY (nick))

ENGINE = InnoDB;

DELIMITER $$

create trigger historial

after update

on gravante

for each row

begin

if (new.gprecio!=old.gprecio)

then

insert into proyeccion (valor, prcantidad, gravante\_nit, fecha) values (new.gprecio, new.gcantidad, new.nit, (select max(fecha)+1 from proyeccion));

end if;

end $$

DELIMITER ;

DELIMITER $$

create trigger htransaccion

after update

on comercio

for each row

begin

if (new.ccantidad<old.ccantidad)

then

insert into transaccion (tdescripcion, tcantidad, precio, tidcomercio, tgravante\_nit, tpersona\_pnit) values (‘venta’, new.ccantidad, (select gprecio from gravante where nit= new.gravante\_nit), new.idcomercio, new.gravante\_nit, new. persona\_nit);

Elseif (new.ccantidad>old.ccantidad)

Then

insert into transaccion (tdescripcion, tcantidad, precio, tidcomercio, tgravante\_nit, tpersona\_pnit) values (‘compra’, new.ccantidad, (select gprecio from gravante where nit= new.gravante\_nit), new.idcomercio, new.gravante\_nit, new. persona\_nit);

end if;

end $$

DELIMITER ;