-- MySQL Workbench Synchronization

-- Generated: 2018-12-02 15:40

-- Model: New Model

-- Version: 1.0

-- Project: Name of the project

-- Author: surak

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='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

CREATE TABLE IF NOT EXISTS `dmdd`.`Order` (

`Order\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Order\_date` DATETIME NULL DEFAULT CURRENT\_TIMESTAMP,

`Total\_amount` DECIMAL NULL DEFAULT NULL,

`Customer\_Customer\_id` INT(11) NOT NULL,

`Payment\_Payment\_id` INT(11) NOT NULL,

`Shipping\_Shipping\_id` INT(11) NOT NULL,

PRIMARY KEY (`Order\_id`, `Customer\_Customer\_id`, `Payment\_Payment\_id`, `Shipping\_Shipping\_id`),

INDEX `fk\_Order\_Customer1\_idx` (`Customer\_Customer\_id` ASC) VISIBLE,

INDEX `fk\_Order\_Payment1\_idx` (`Payment\_Payment\_id` ASC) VISIBLE,

INDEX `fk\_Order\_Shipping1\_idx` (`Shipping\_Shipping\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Order\_Customer1`

FOREIGN KEY (`Customer\_Customer\_id`)

REFERENCES `dmdd`.`Customer` (`Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_Order\_Payment1`

FOREIGN KEY (`Payment\_Payment\_id`)

REFERENCES `dmdd`.`Payment` (`Payment\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_Order\_Shipping1`

FOREIGN KEY (`Shipping\_Shipping\_id`)

REFERENCES `dmdd`.`Shipping` (`Shipping\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`ShoppingCart` (

`ShoppingCart\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Active` TINYINT(4) NULL DEFAULT NULL,

`Expire\_On` DATE NULL DEFAULT NULL,

`Customer\_Customer\_id` INT(11) NOT NULL,

PRIMARY KEY (`ShoppingCart\_id`, `Customer\_Customer\_id`),

INDEX `fk\_ShoppingCart\_Customer1\_idx` (`Customer\_Customer\_id` ASC) VISIBLE,

CONSTRAINT `fk\_ShoppingCart\_Customer1`

FOREIGN KEY (`Customer\_Customer\_id`)

REFERENCES `dmdd`.`Customer` (`Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`Customer` (

`Customer\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Customer\_password` VARCHAR(45) NULL DEFAULT NULL,

PRIMARY KEY (`Customer\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`Shipping` (

`Shipping\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Shipping\_charge` DECIMAL NULL DEFAULT NULL,

`Shipping\_date` DATE NULL DEFAULT NULL,

`Address\_Address\_id` INT(11) NOT NULL,

PRIMARY KEY (`Shipping\_id`, `Address\_Address\_id`),

INDEX `fk\_Shipping\_Address1\_idx` (`Address\_Address\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Shipping\_Address1`

FOREIGN KEY (`Address\_Address\_id`)

REFERENCES `dmdd`.`Address` (`Address\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`Payment` (

`Payment\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Amount` DECIMAL NULL DEFAULT NULL,

`CreditCard\_CreditCard` INT(11) NOT NULL,

`CreditCard\_Customer\_Customer\_id` INT(11) NOT NULL,

PRIMARY KEY (`Payment\_id`, `CreditCard\_CreditCard`, `CreditCard\_Customer\_Customer\_id`),

INDEX `fk\_Payment\_CreditCard1\_idx` (`CreditCard\_CreditCard` ASC, `CreditCard\_Customer\_Customer\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Payment\_CreditCard1`

FOREIGN KEY (`CreditCard\_CreditCard` , `CreditCard\_Customer\_Customer\_id`)

REFERENCES `dmdd`.`CreditCard` (`CreditCard` , `Customer\_Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`Address` (

`Address\_id` INT(11) NOT NULL,

`Name` VARCHAR(45) NULL DEFAULT NULL,

`Address1` VARCHAR(45) NULL DEFAULT NULL,

`City` VARCHAR(45) NULL DEFAULT NULL,

`State` VARCHAR(45) NULL DEFAULT NULL,

`Zip` INT(11) NULL DEFAULT NULL,

PRIMARY KEY (`Address\_id`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`CreditCard` (

`CreditCard` INT(11) NOT NULL,

`CreditCard\_number` VARCHAR(45) NULL DEFAULT NULL,

`Holder\_name` VARCHAR(45) NULL DEFAULT NULL,

`Expiry\_date` DATE NULL DEFAULT NULL,

`Customer\_Customer\_id` INT(11) NOT NULL,

`Address\_Address\_id` INT(11) NOT NULL,

PRIMARY KEY (`CreditCard`, `Customer\_Customer\_id`, `Address\_Address\_id`),

INDEX `fk\_CreditCard\_Customer1\_idx` (`Customer\_Customer\_id` ASC) VISIBLE,

INDEX `fk\_CreditCard\_Address1\_idx` (`Address\_Address\_id` ASC) VISIBLE,

CONSTRAINT `fk\_CreditCard\_Customer1`

FOREIGN KEY (`Customer\_Customer\_id`)

REFERENCES `dmdd`.`Customer` (`Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_CreditCard\_Address1`

FOREIGN KEY (`Address\_Address\_id`)

REFERENCES `dmdd`.`Address` (`Address\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`Invoice` (

`Invoice\_id` INT(11) NOT NULL AUTO\_INCREMENT,

`Creation\_date` DATE NULL DEFAULT NULL,

`Address\_Address\_id` INT(11) NOT NULL,

`CreditCard\_CreditCard` INT(11) NOT NULL,

`CreditCard\_Customer\_Customer\_id` INT(11) NOT NULL,

`CreditCard\_Address\_Address\_id` INT(11) NOT NULL,

`Customer\_Customer\_id` INT(11) NOT NULL,

PRIMARY KEY (`Invoice\_id`, `Address\_Address\_id`, `CreditCard\_CreditCard`, `CreditCard\_Customer\_Customer\_id`, `CreditCard\_Address\_Address\_id`, `Customer\_Customer\_id`),

INDEX `fk\_Invoice\_Address1\_idx` (`Address\_Address\_id` ASC) VISIBLE,

INDEX `fk\_Invoice\_CreditCard1\_idx` (`CreditCard\_CreditCard` ASC, `CreditCard\_Customer\_Customer\_id` ASC, `CreditCard\_Address\_Address\_id` ASC) VISIBLE,

INDEX `fk\_Invoice\_Customer1\_idx` (`Customer\_Customer\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Invoice\_Address1`

FOREIGN KEY (`Address\_Address\_id`)

REFERENCES `dmdd`.`Address` (`Address\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_Invoice\_CreditCard1`

FOREIGN KEY (`CreditCard\_CreditCard` , `CreditCard\_Customer\_Customer\_id` , `CreditCard\_Address\_Address\_id`)

REFERENCES `dmdd`.`CreditCard` (`CreditCard` , `Customer\_Customer\_id` , `Address\_Address\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_Invoice\_Customer1`

FOREIGN KEY (`Customer\_Customer\_id`)

REFERENCES `dmdd`.`Customer` (`Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`InventoryItem` (

`InventoryItem\_id` INT(11) NOT NULL,

`Title` VARCHAR(45) NOT NULL,

`Price` DECIMAL NULL DEFAULT NULL,

PRIMARY KEY (`InventoryItem\_id`, `Title`))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`OrderItem` (

`OrderItem\_id` INT(11) NOT NULL,

`Order\_id` INT(11) NULL DEFAULT NULL,

`Quantity` INT(11) NULL DEFAULT NULL,

`InventoryItem\_InventoryItem\_id` INT(11) NOT NULL,

`InventoryItem\_Title` VARCHAR(45) NOT NULL,

PRIMARY KEY (`OrderItem\_id`, `InventoryItem\_InventoryItem\_id`, `InventoryItem\_Title`),

INDEX `Order\_id\_idx` (`Order\_id` ASC) VISIBLE,

INDEX `fk\_OrderItem\_InventoryItem1\_idx` (`InventoryItem\_InventoryItem\_id` ASC, `InventoryItem\_Title` ASC) VISIBLE,

CONSTRAINT `Order\_id`

FOREIGN KEY (`Order\_id`)

REFERENCES `dmdd`.`Order` (`Order\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_OrderItem\_InventoryItem1`

FOREIGN KEY (`InventoryItem\_InventoryItem\_id` , `InventoryItem\_Title`)

REFERENCES `dmdd`.`InventoryItem` (`InventoryItem\_id` , `Title`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

CREATE TABLE IF NOT EXISTS `dmdd`.`InventoryItem\_has\_ShoppingCart` (

`InventoryItem\_InventoryItem\_id` INT(11) NOT NULL,

`InventoryItem\_Title` VARCHAR(45) NOT NULL,

`ShoppingCart\_ShoppingCart\_id` INT(11) NOT NULL,

`ShoppingCart\_Customer\_Customer\_id` INT(11) NOT NULL,

PRIMARY KEY (`InventoryItem\_InventoryItem\_id`, `InventoryItem\_Title`, `ShoppingCart\_ShoppingCart\_id`, `ShoppingCart\_Customer\_Customer\_id`),

INDEX `fk\_InventoryItem\_has\_ShoppingCart\_ShoppingCart1\_idx` (`ShoppingCart\_ShoppingCart\_id` ASC, `ShoppingCart\_Customer\_Customer\_id` ASC) VISIBLE,

INDEX `fk\_InventoryItem\_has\_ShoppingCart\_InventoryItem1\_idx` (`InventoryItem\_InventoryItem\_id` ASC, `InventoryItem\_Title` ASC) VISIBLE,

CONSTRAINT `fk\_InventoryItem\_has\_ShoppingCart\_InventoryItem1`

FOREIGN KEY (`InventoryItem\_InventoryItem\_id` , `InventoryItem\_Title`)

REFERENCES `dmdd`.`InventoryItem` (`InventoryItem\_id` , `Title`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fk\_InventoryItem\_has\_ShoppingCart\_ShoppingCart1`

FOREIGN KEY (`ShoppingCart\_ShoppingCart\_id` , `ShoppingCart\_Customer\_Customer\_id`)

REFERENCES `dmdd`.`ShoppingCart` (`ShoppingCart\_id` , `Customer\_Customer\_id`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

SET SQL\_MODE=@OLD\_SQL\_MODE;

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

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