CREATE TABLE OrderitemCode

(OrderitemCode\_ActivationCode uniqueidentifier NOT NUll ,

OrderitemCodeCustomerid int NOT NUll,

Orderitemid\_FK int,

PRIMARY KEY(OrderitemCode\_ActivationCode,OrderitemCodeCustomerid)

);

CREATE TABLE Order

(OrderId int NOT NUll,

OrderPurchasedDateTime Datetime,

CustomerId\_FK int,

PRIMARY KEY(OrderId));

CREATE TABLE OrderItem(

Orderitemid INT NOT NULL PRIMARY KEY,

OrderitemQuantity INT,

OrderitemProductId INT,

OrderitemName VARCHAR(30),

OrderitemDescription VARCHAR(50),

Orderitemimage VARCHAR(30),

OrderitemPrice INT,

OrderitemStauts VARCHAR(15),

OrderId\_FK INT,

)

CREATE TABLE Product(

ProductId INT NOT NULL PRIMARY KEY,

ProductName NVARCHAR(MAX),

ProductDescription NVARCHAR(MAX),

ProductImage NVARCHAR(MAX),

ProductPrice decimal(8,2),

ProductStatus NVARCHAR(MAX)

);

CREATE TABLE Customer(

CustomerId INT NOT NULL PRIMARY KEY,

UserName NVARCHAR(MAX),

PASSWORD NVARCHAR(MAX),

CustomerName NVARCHAR(MAX),

CustomerStatus NVARCHAR(MAX),

CustomerGuestCartId UNIQUEIDENTIFIER

);

Insert into Customer

VALUES

(1,'ruth',’ ef5MQ6kZIJoQE4+rJDrI4oorIyCOFsGhEI1pE/zcZ08=’,'Ruth',NULL,NULL),

(2,'vincent',' ZcP3VkGyKSXHN8plexJs1ow55CM0nUMDHPmjuaGM7h8=','vincent',NULL,NULL),

(3,'rainne',' VZNrUL/3NU9v1sFU7MbB95WUxbQVQ80tEClNpXcwl2s=','Rainne',NULL,NULL),

(4,'steven',' x8CEMYtvG+zm90/84epTWWBwNFJy3ugEADdJfH1Mv/4=','Steven',NULL,NULL),

(5,'snow',' p0YiLwnYVgXFLU5jZ4jW/9wnRpi5i4xfMkTAaVhoOmk=','Snow',NULL,NULL),

(6,'annabelle',' hswm1xwIS3/4b5eOrI5bTMTFyxa1CxmrnI53ruqF+kU=','Annabelle',NULL,NULL),

(7,'ethan',' e4vWwKv1PSKIi+r8SIMOEVaQfdTsfm6jHlWg3W3FqWk=','Ethan',NULL,NULL);

CREATE TABLE CartItem(

ProductId\_FK INT,

CustomerId\_FK INT ,

CartItemQuantity INT,

PRIMARY KEY(ProductId\_FK),

FOREIGN Key(ProductId\_FK) REFERENCES Product(ProductId),

FOREIGN KEY(CustomerId\_FK) REFERENCES Customer(CustomerId)

);

CREATE TABLE Review(

CustomerId\_FK INT NOT NUll,

ProductId\_FK INT NOT NUll,

ReviewScore INT ,

PRIMARY KEY(CustomerId\_FK,ProductId\_FK),

FOREIGN KEY(CustomerId\_FK) REFERENCES Customer(CustomerId),

FOREIGN KEY(ProductId\_FK) REFERENCES Product(ProductId)

);

CREATE TABLE SessionLog(

Id bigint PRIMARY KEY,

SessionId NVARCHAR(MAX),

LogSessionCookieStart DATETIME,

LogSessionCookieExpiry DATETIME,

CustomerId\_FK int ,

FOREIGN KEY CustomerId\_FK REFERENCES Customer(CustomerId)

);

CREATE TABLE UserLog(

Id int PRIMARY KEY,

Timestamp DATETIME2(7),

IPAddress NVARCHAR(MAX),

UserAgent NVARCHAR(MAX),

Actions NVARCHAR(MAX),

CustomerId\_FK int ,

FOREIGN KEY(CustomerId\_FK) REFERENCES Customer(CustomerId)

);