Shopping Cart Data Model

Inventory

sku: varchar (PK)
title: varchar
description: varchar
unit_price: float
in_stock: integer

Cart

sku: varchar (PK, FK)
in_cart: integer
user_id: integer (PK, FK)

add_to_cart(sku, user_id, quantity)
change_quantity(sku, user_id, quantity)
remove_from_cart(sku, user_id)

User

id: integer, AI (PK)
first_name: varchar
last_name: varchar
email_primary: varchar (UQ)

During prototyping, the User table
and user_id column are optional.