smartCart database
design

UserID will be an auto
incrementing int
determined by the
database

```sql
SELECT ProductID
From ProductHistory
Join Users
     On ProductHistory.UserID = Users.UserID;
```

USERS

UserID	int	PK
Email	varchar	
Password	varchar (encrypted)	

PRODUCT HISTORY

UserID	int	FK
ProductId	int	FK
Verification	bool	
ProductTitle	varchar	
ProductImage		

```sql
CREATE TABLE Users (
     UserID int NOT NULL,
     userName varchar(255) NOT NULL,
     Password varchar(255),
   PRIMARY KEY (UserID)
);
```

```sql
CREATE TABLE ProductHistory
     UserID int NOT NULL,
     ProductID int NOT NULL
     Verification bool
     ProductTitle varchar,
     ProductImage //
);
```

API

ProductID	int	PK
ProductImage		
Ingredients	varchar	
ProductTitle	varchar	

This database design is based on the
Ideal situation where the utilization of
A 3rd party API does not significantly affect
The performance of the application.

Re-evaluation will take place if performance is deemed
Unaccepatble. Option B will include a small segment sample of
the 3rd party api, downloaded and stored into my personal
Database for easier accessibility.