



PROJECT 1

REST-API

KHRYSTYNA KRYZHANIVSKA

WHAT WAS USED

- VISUAL STUDIO
 - C#
 - JAVA SCRIPT
 - SERILOG
- .NET CORE 5.0
- SQL SERVER



SHOPPING

SHOPPING APP

where you can

log in / create an account

search product by Category or
Number

choose size

add it to your cart

submit order

Functionality

Customer

- ◆ Add to Cart
- ◆ Delete product from Cart
- ◆ Clear Cart
- ◆ Submit order
- ◆ Create an Account



BOTH

- ◆ Log In
- ◆ View All Products
- ◆ Search By Number or Category

Admin

- ◆ Add Product
- ◆ Delete Product
- ◆ Edit Product



What I would like to add

Customer

- ◆ Add to Cart
- ◆ Delete product from Cart
- ◆ Clear Cart
- ◆ Submit order
- ◆ Create an Account



- ◆ View all previous orders

BOTH

- ◆ Log In
- ◆ View All Products
- ◆ Search By Number or Category

- ◆ Finish MVC part

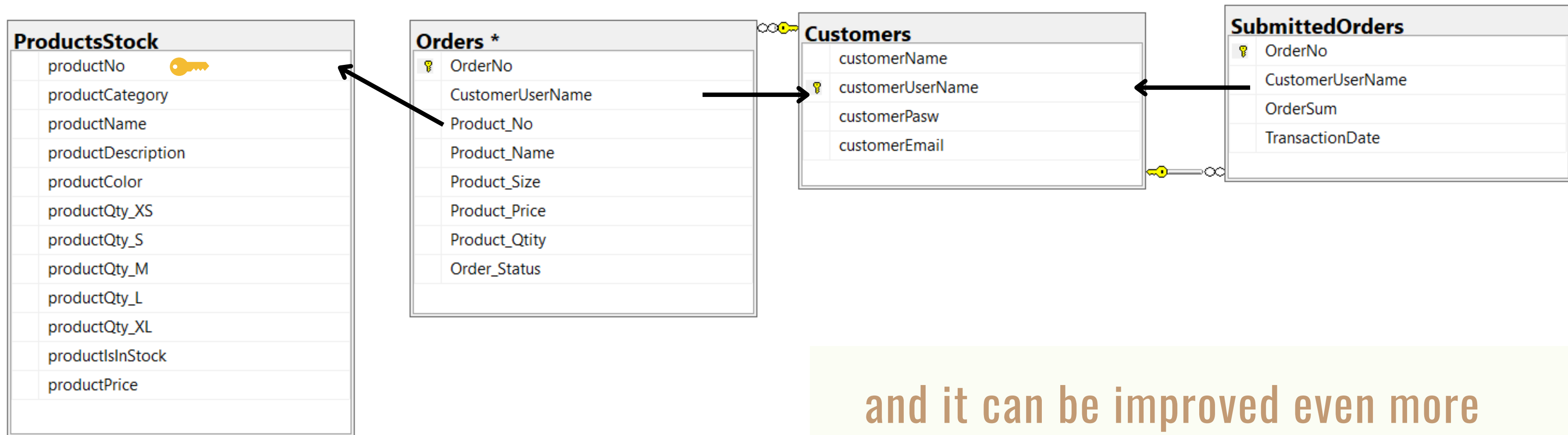
Admin

- ◆ Add Product
- ◆ Delete Product
- ◆ Edit Product



- ◆ Add pictures of the Product to a Data Base

How database looks like



and it can be improved even more

DIFFICULTIES AND SOLUTIONS



Calculate **SUM** of pending order and **add it to separete table** of transactions with currrend date



change order status to **Submitted**

```
CREATE PROCEDURE submitorder3  
(@CustomerUserName VARCHAR(30))  
AS  
BEGIN
```

```
INSERT INTO SubmittedOrders  
VALUES (@CustomerUserName,  
(SELECT sum(Product_Qtity * Product_Price)  
FROM Orders  
WHERE Order_Status = 'PENDING' AND  
CustomerUserName= @CustomerUserName),  
GETDATE());
```

```
UPDATE Orders SET Order_Status= 'SUBMITTED'  
WHERE Order_Status = 'PENDING' AND  
CustomerUserName= @CustomerUserName;
```

```
END
```

QUICK CODE SNEAK PEAKS

THANK YOU FOR WATCHING
THIS BORING PRESENTATION

Let's try it out

