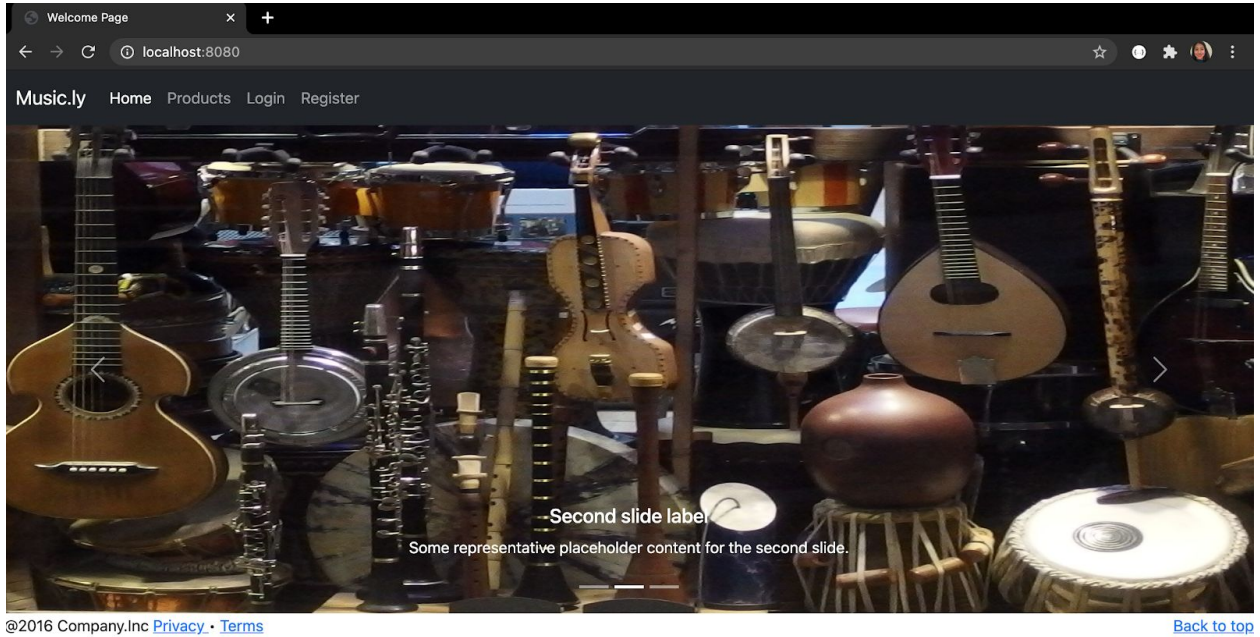


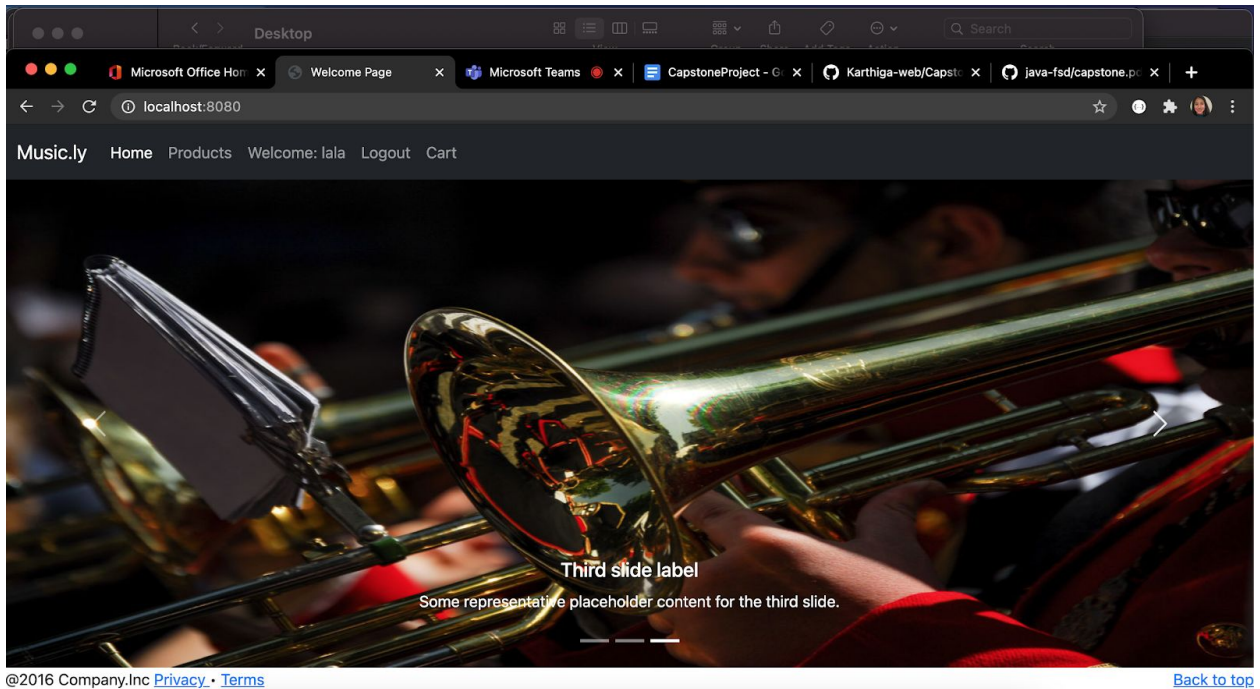
OUTPUTS

Anonymous User:

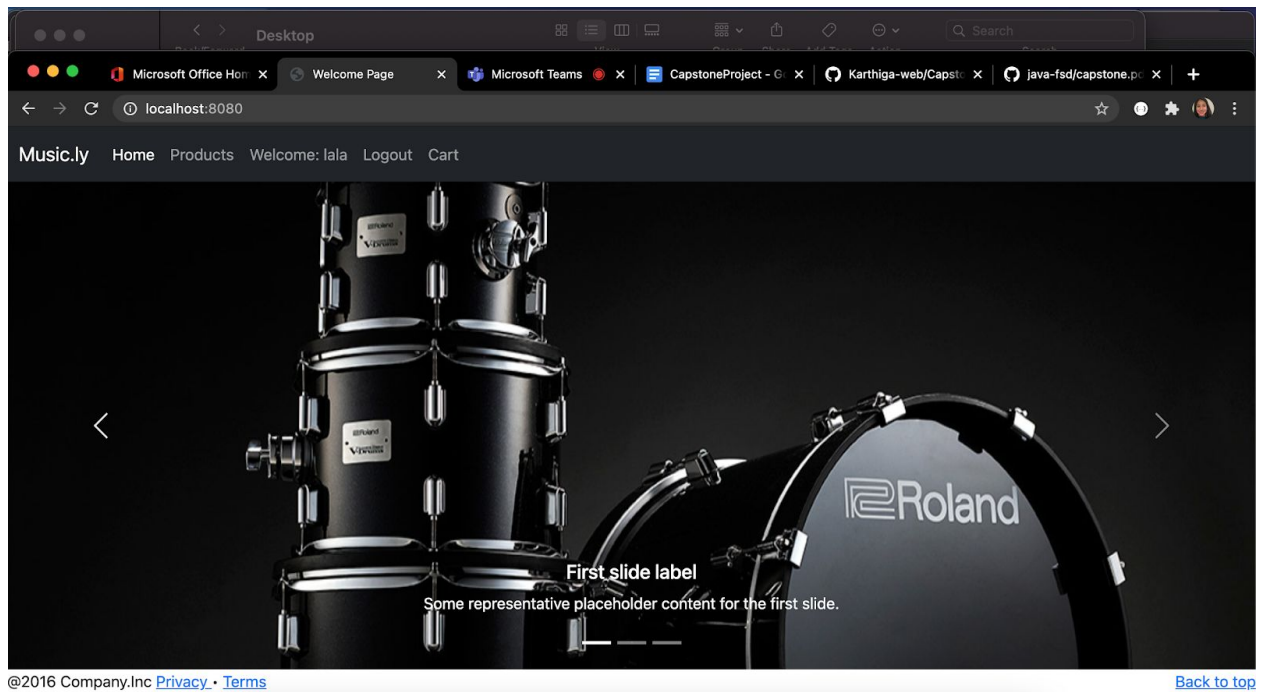
Welcome Page: Carousel 2:



Carousel 3:



Carousel 1:



Click Register Button and enter data:

Register Here! x +

localhost:8080/register

Music.ly Home Products Login Register

Register Customer

Please fill in your Information Below!

Basic Info

Name

UserName

Password

Email

Phone

Billing Information

Address

Apartment No

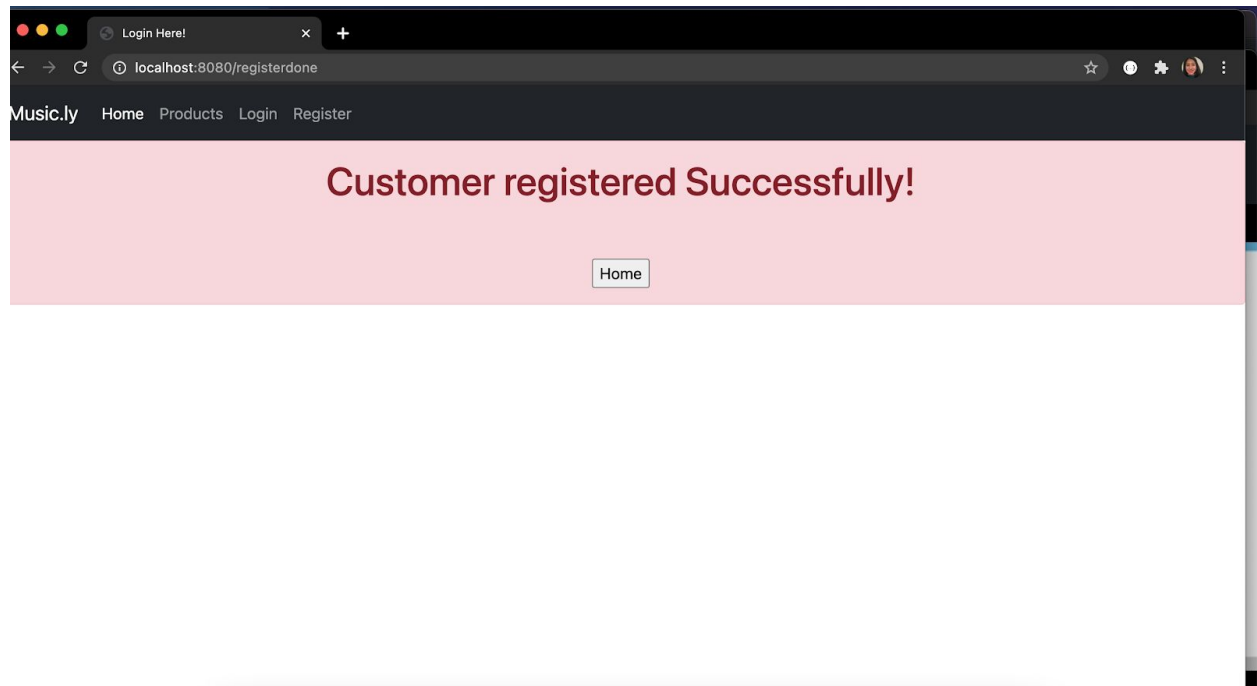
City

State

Country

Zipcode

User registered successfully:



Try different username(When same username is entered):

A screenshot of a web browser window. The address bar shows 'localhost:8080/registerdone'. The page has a dark header with 'Music.ly' and navigation links 'Home', 'Products', 'Login', and 'Register'. The main content area has a light pink background. At the top, there is an error message: 'Username Already Exists!Try a different one!'. Below this is the title 'Register Customer' and the instruction 'Please fill in your Information Below!'. The form is divided into two sections: 'Basic Info' and 'Billing Information'. The 'Basic Info' section has five input fields: 'Name', 'UserName', 'Password', 'Email', and 'Phone'. The 'Billing Information' section has five input fields: 'Address', 'Apartment No', 'City', 'State', and 'Country'. Below these fields is a 'Zipcode' field and a 'Register' button.

All are required Fields:

Register Here! x +

localhost:8080/register

Music.ly Home Products Login Register

Register Customer

Please fill in your Information Below!

Basic Info

Name: Pedro

UserName: Pelin

Password: 123

Email:

Phone: ! Please fill out this field.

Billing Information

Address: 6 Price Ave

Apartment No: 6

City: Charlotte

State: NC

Country: United States

Zipcode: 27790

Register

Login Page with correct credentials:

Login Here! x +

localhost:8080/login

Music.ly Home Products Login Register

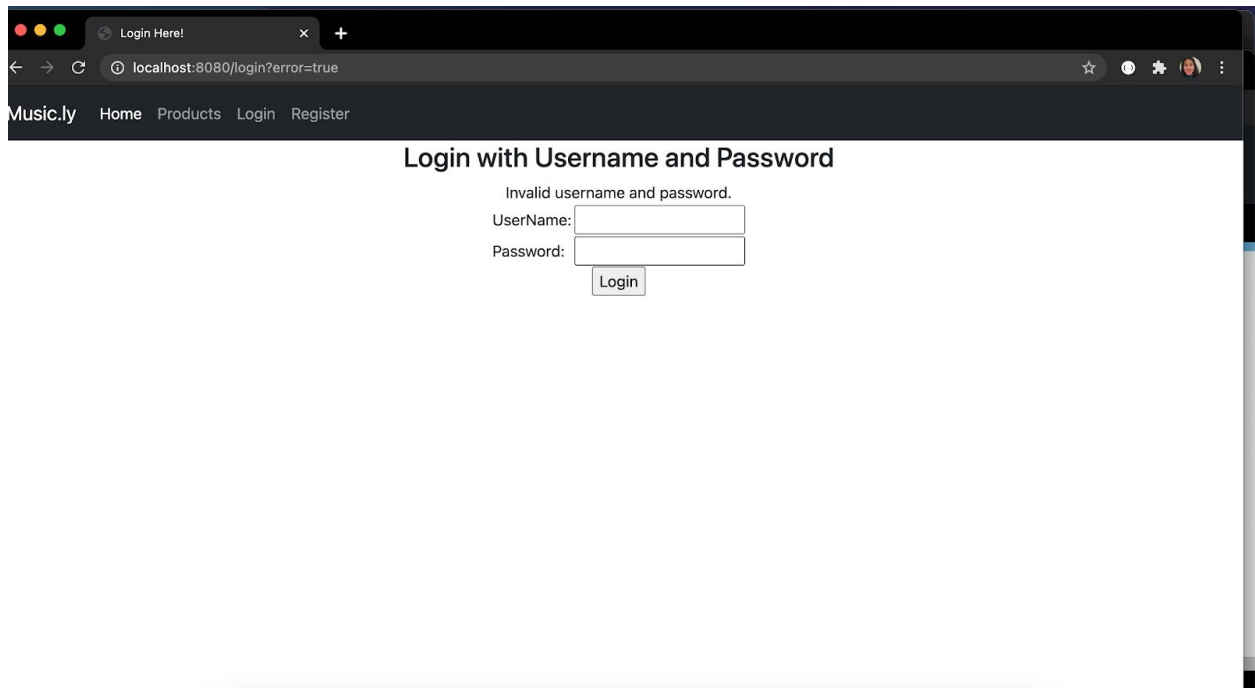
Login with Username and Password

UserName: Karthiga

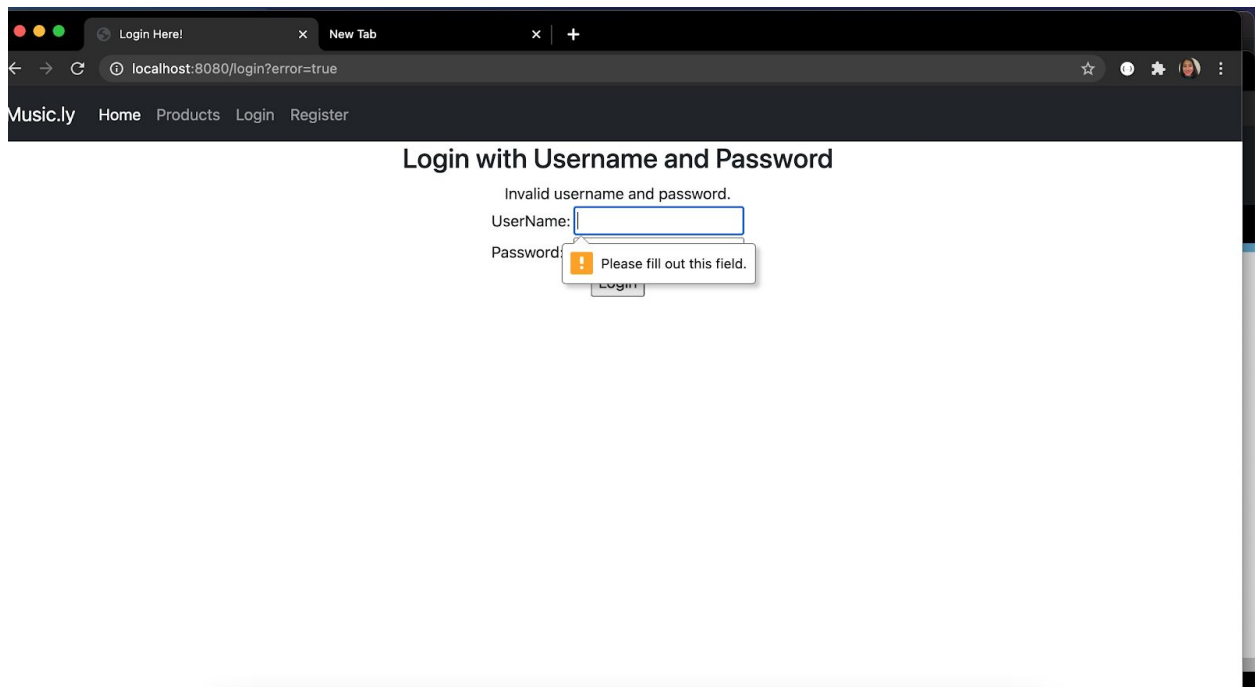
Password: password

Login

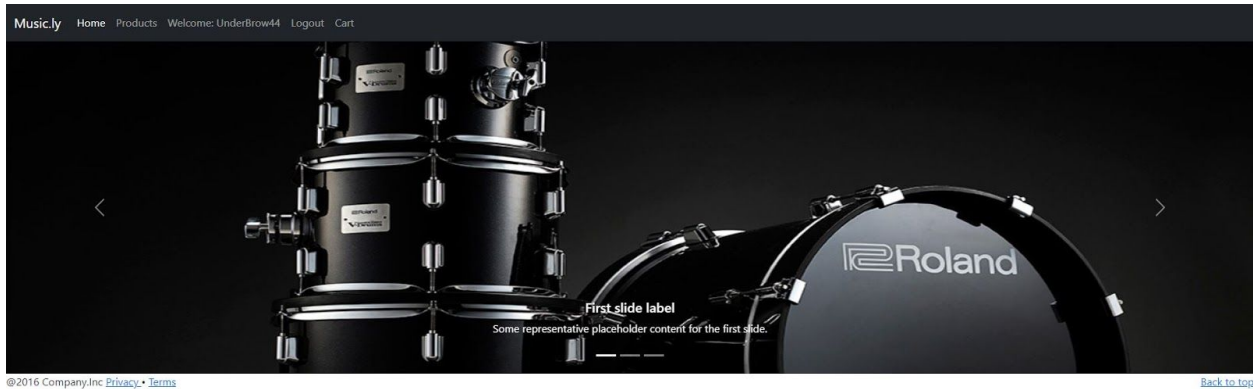
Login Page with Invalid login credentials:



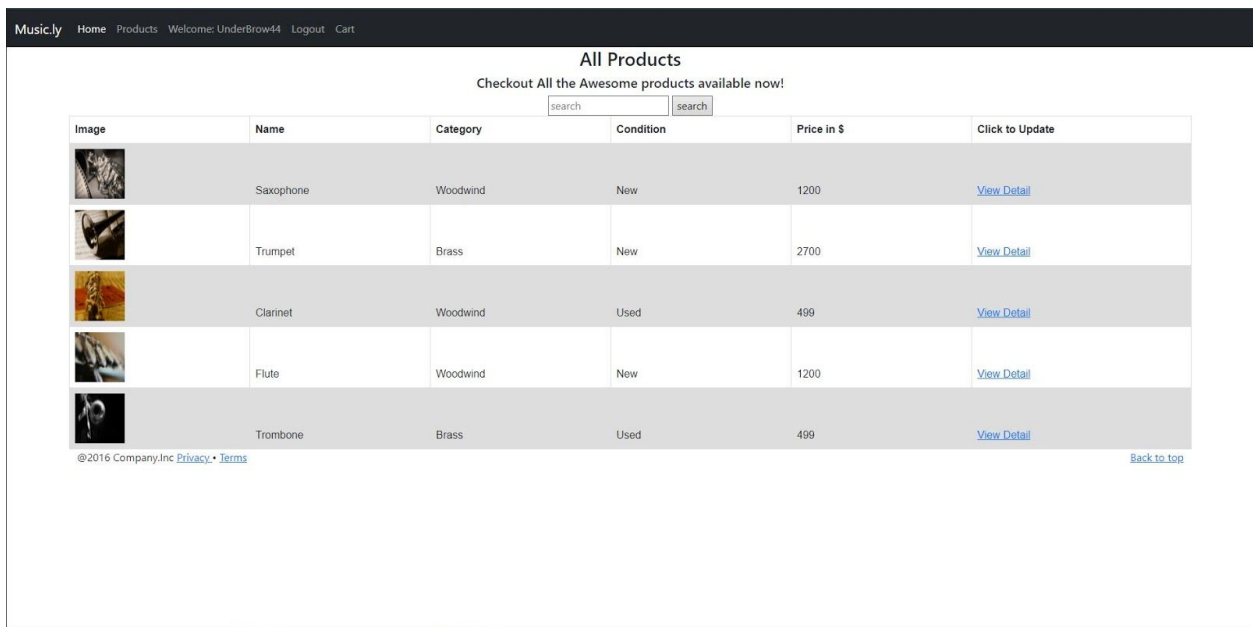
All fields are required:



User Functionalities:
Welcome Page of User with Username:



Products Page of User:

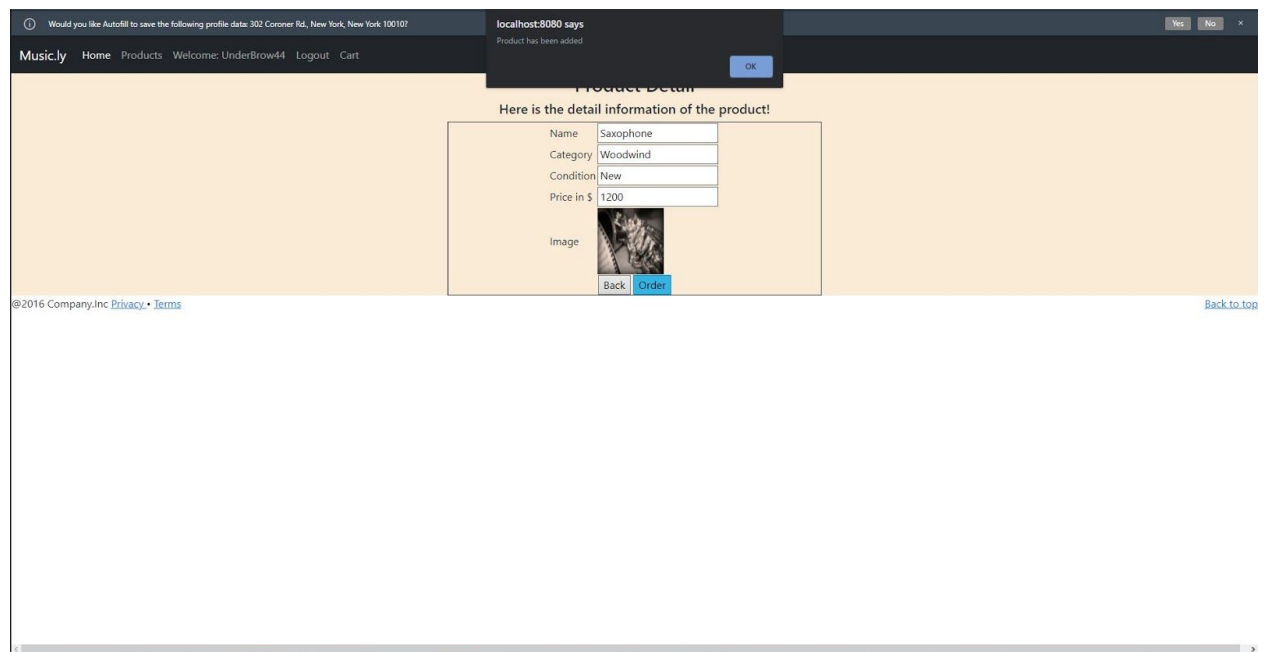


View Details Page of Product (User Mode):

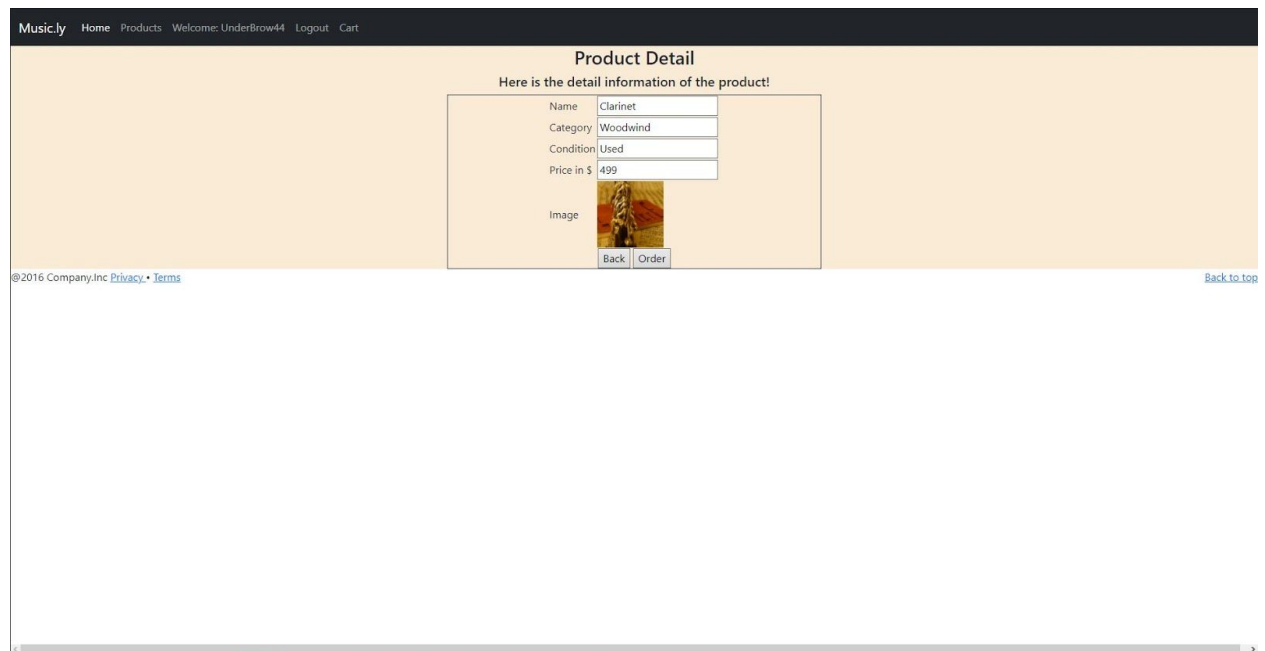


User : UnderBrown44

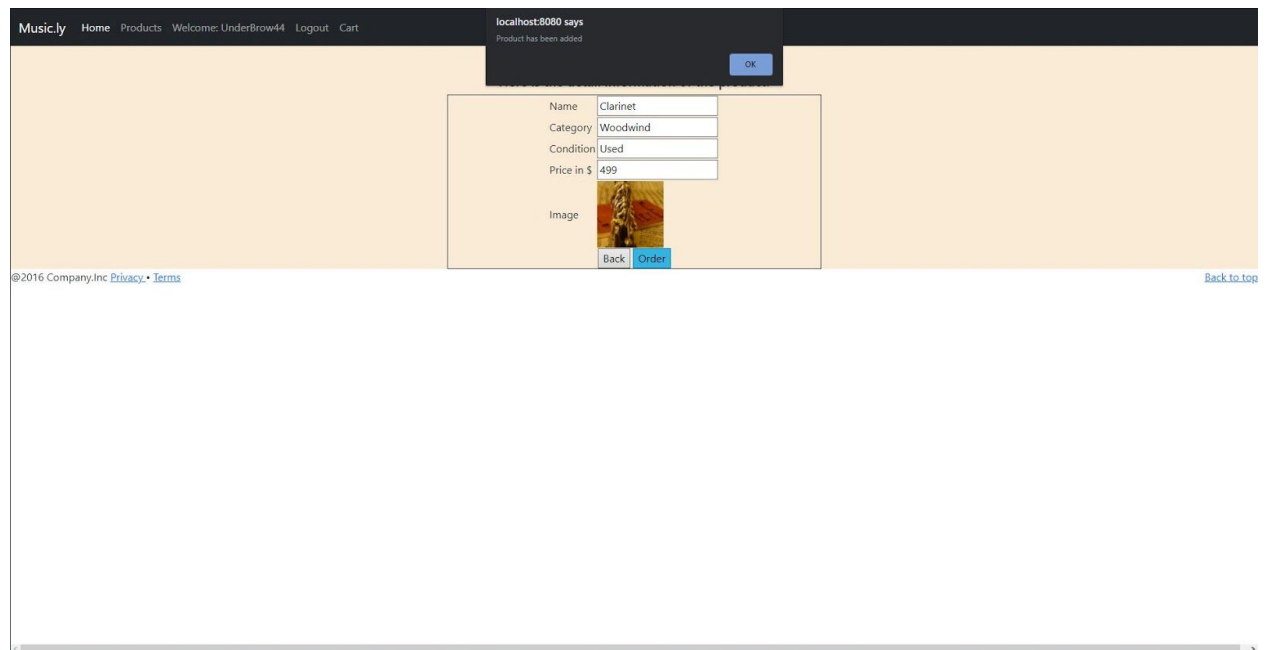
Order button clicked for Saxaphone with alert:



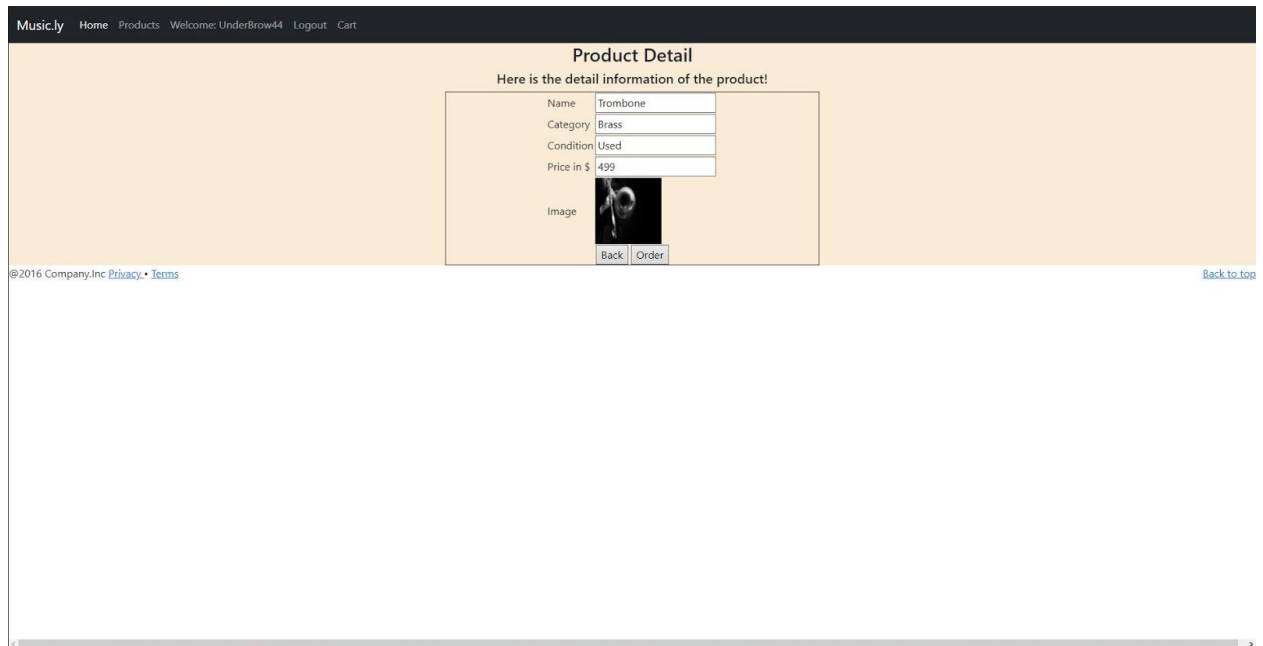
Order button clicked for Clarinet:



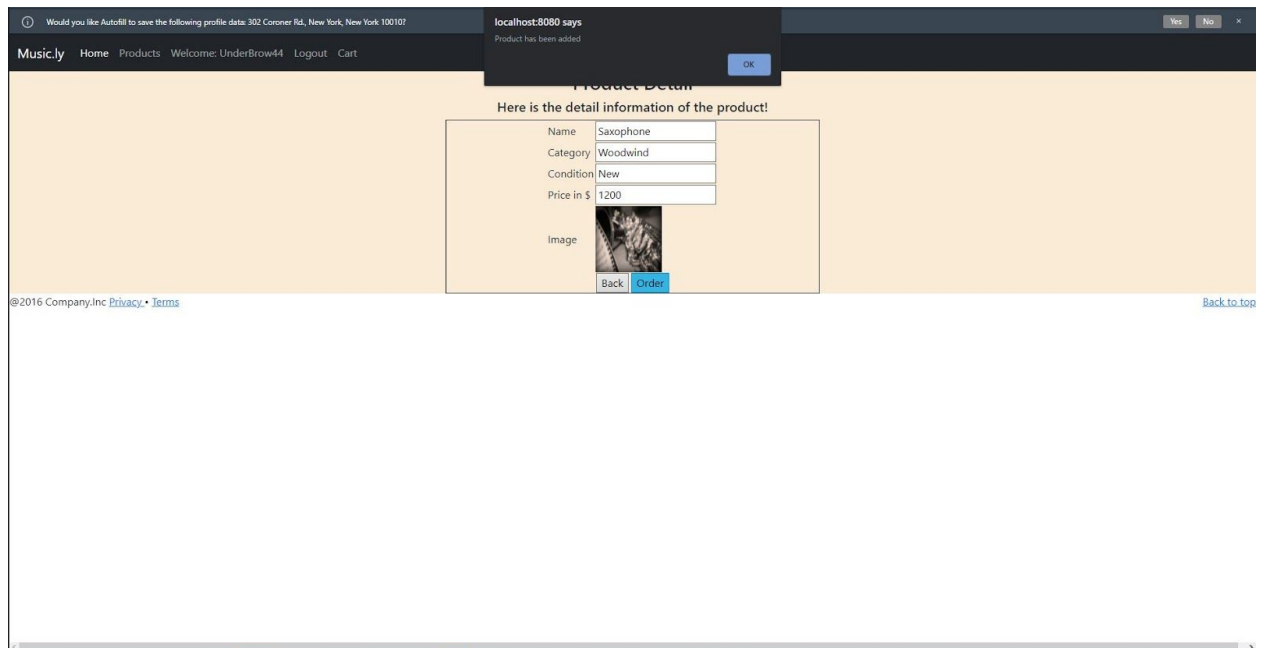
Order button clicked for Saxophone with alert:



Order button clicked for Trombone:



Order button clicked for Trombone with alert:



Cart Page for Order:

Music.lyHomeProductsWelcome: UnderBrow44Logout

Cart

All the selected products in your Shopping Cart

Clear Cart

Check Out

Product	Unit price	Quantity	Price in \$	Action
Saxophone	1200	2	2400	Remove
Clarinet	499	1	499	Remove
Trombone	499	1	499	Remove

Continue Shopping

Order Receipt Page for Order:

Music.lyHomeProductsWelcome: UnderBrow44LogoutCart

Order

Order Confirmation

Receipt

Shipping Address: 133, 302 Coroner Rd., New York, New York, United States-10010

Shipping Date: Mar 8, 2021

Billing Address: 133, 302 Coroner Rd., New York, New York, United States-10010

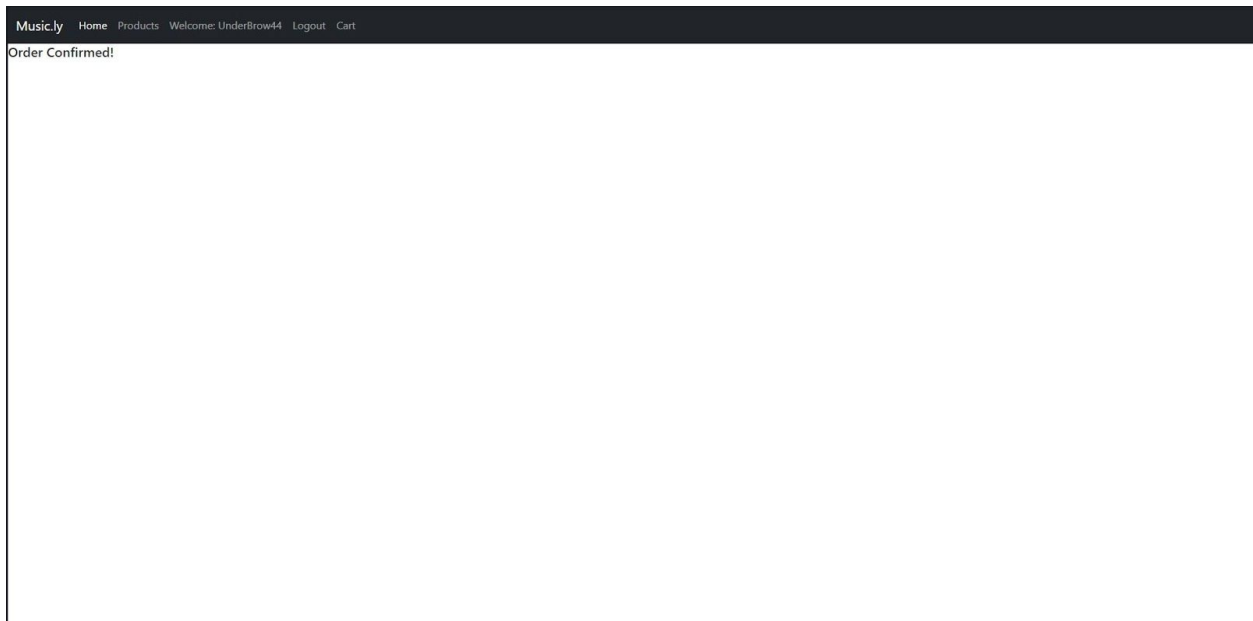
Product	Quantity	Price in \$	Total in \$
Saxophone	2	\$1200	\$2400
Clarinet	1	\$499	\$499
Trombone	1	\$499	\$499
Grand Total: \$3398			

Back

Submit Order

Cancel

Order Confirmed Page for Order:

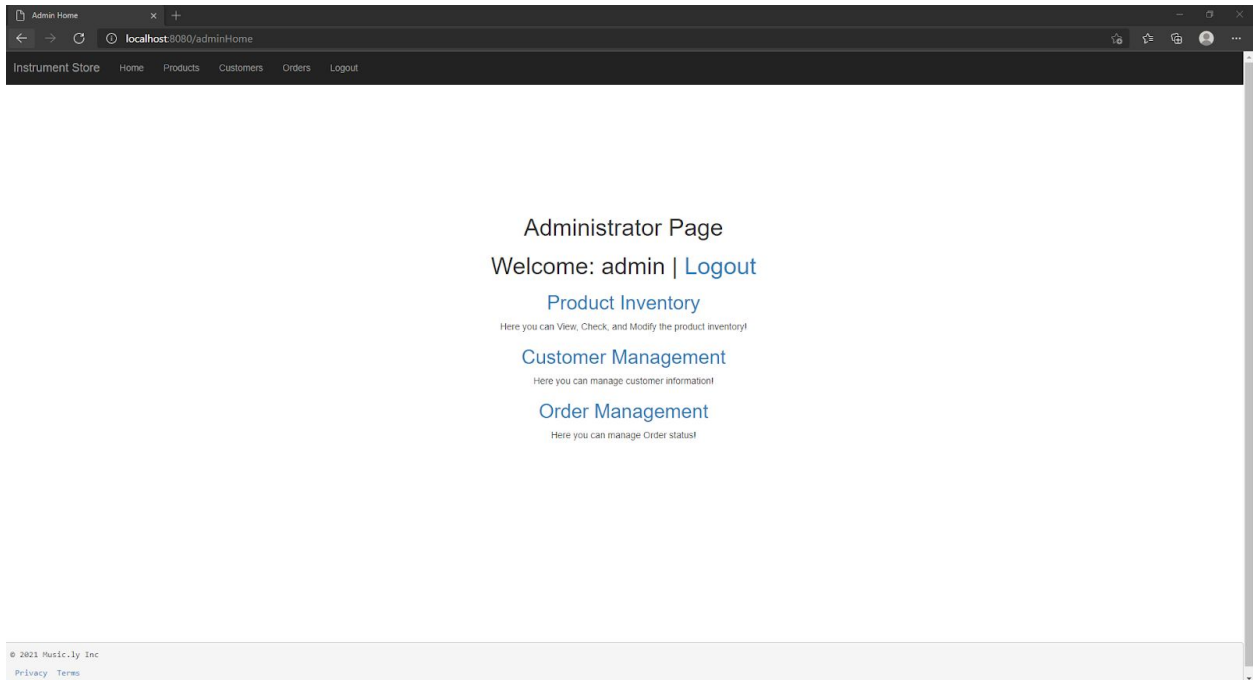


MySQL Workbench Ordered Status for Order:

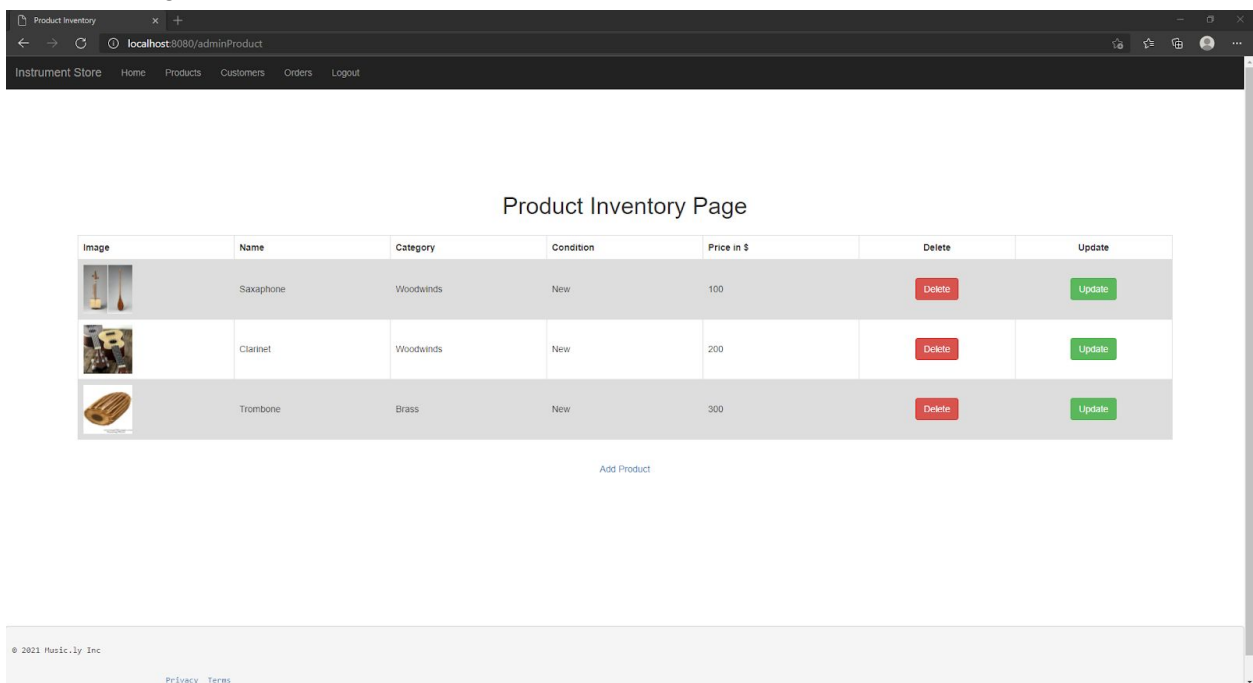
	id	price	product_id	product_name	quantity	status	unit_price	user_id
▶	2	500	1	trumpet	1	Ordered	500	9
	3	500	1	trumpet	1	Ordered	500	9
	4	500	1	trumpet	1	Ordered	500	9
	5	1200	2	clarinet	1	Ordered	1200	9
	7	3600	2	clarinet	3	Ordered	1200	9
	9	2400	5	Saxophone	2	Ordered	1200	13
	10	499	7	Clarinet	1	Ordered	499	13
	11	499	9	Trombone	1	Ordered	499	13
	12	2700	6	Trumpet	1	Cart	2700	13
	13	1200	8	Flute	1	Cart	1200	13
	14	499	9	Trombone	1	Cart	499	13
	15	1200	5	Saxophone	1	Cart	1200	14
	16	1200	8	Flute	1	Cart	1200	14
	17	499	9	Trombone	1	Cart	499	14
✱	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

ADMIN MODE:

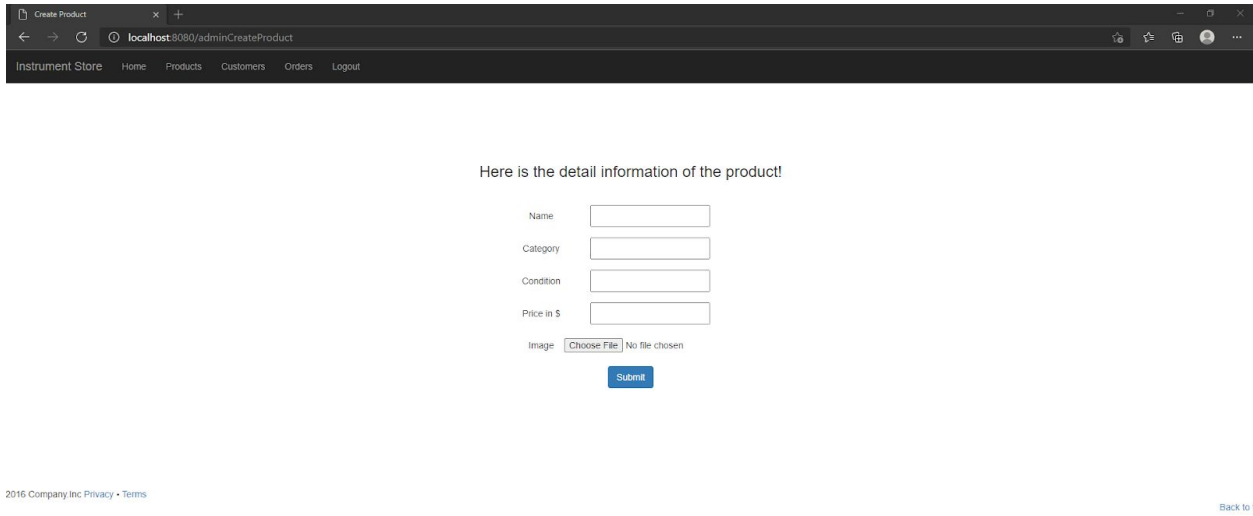
Welcome Page for Admin:



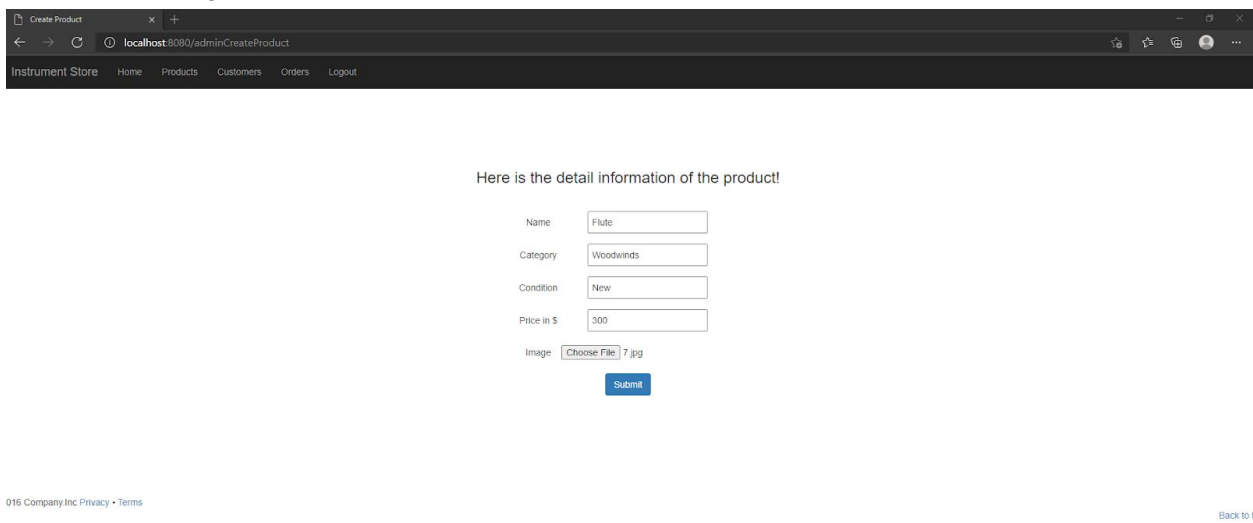
Products Page for Admin:



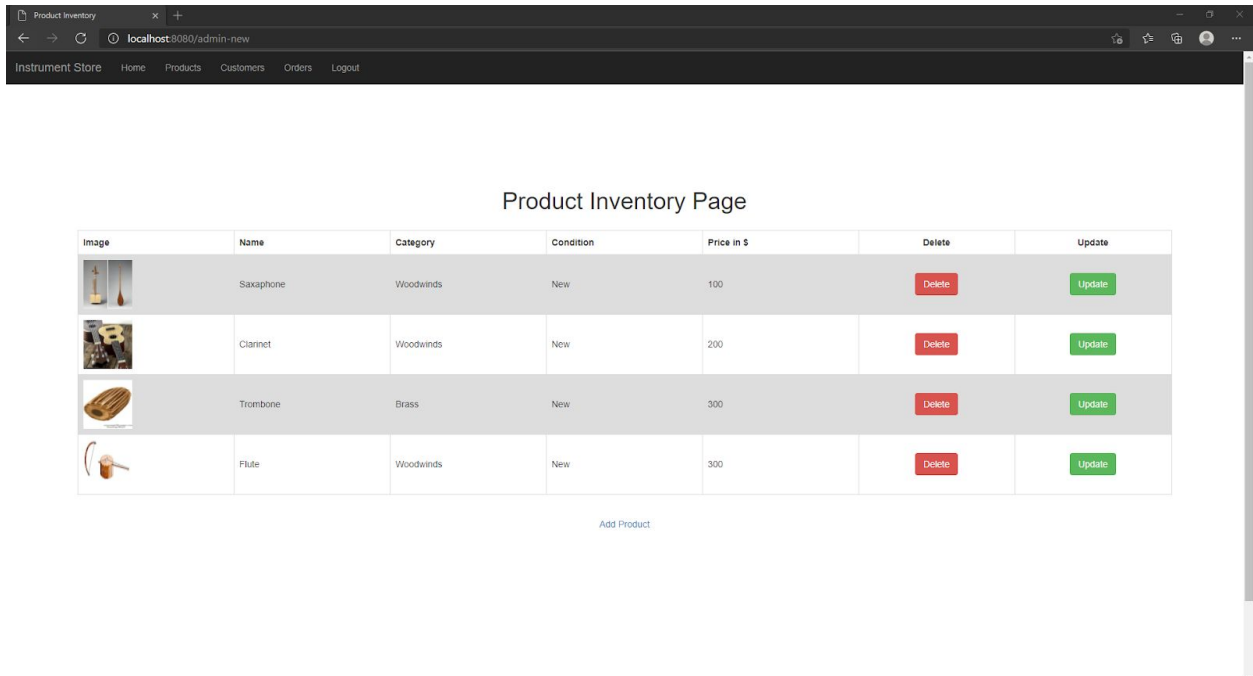
Add Product Page for Admin:



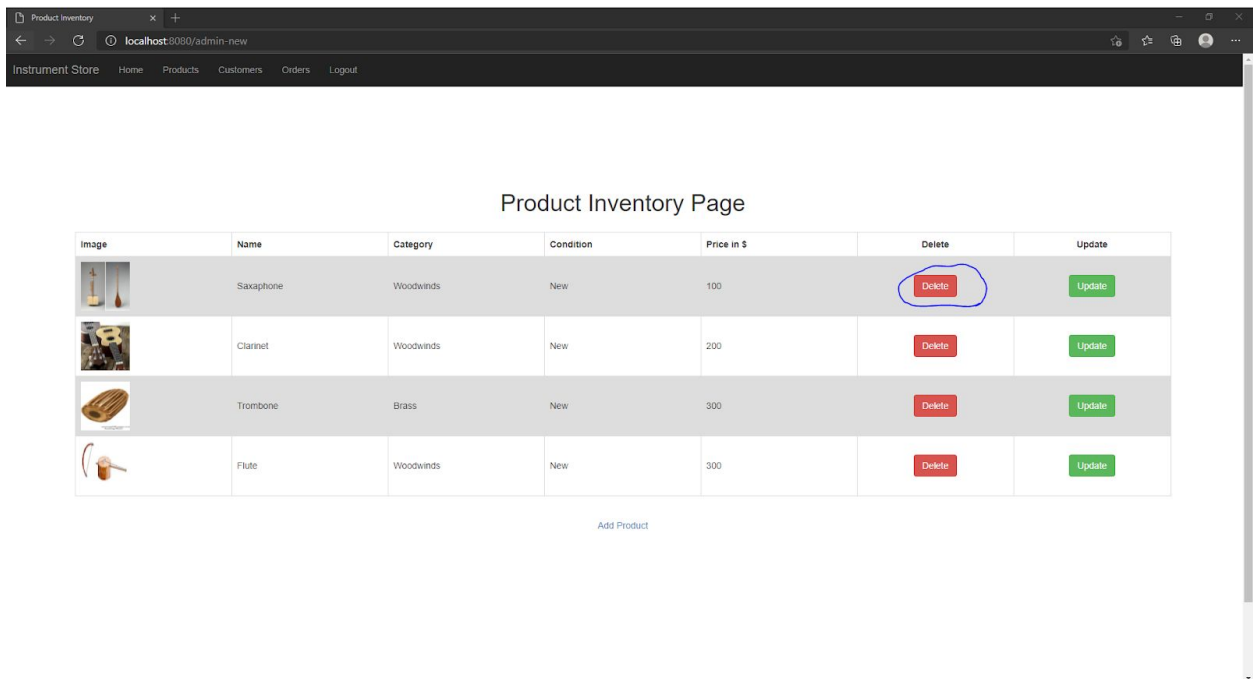
Add Product page for admin with details:



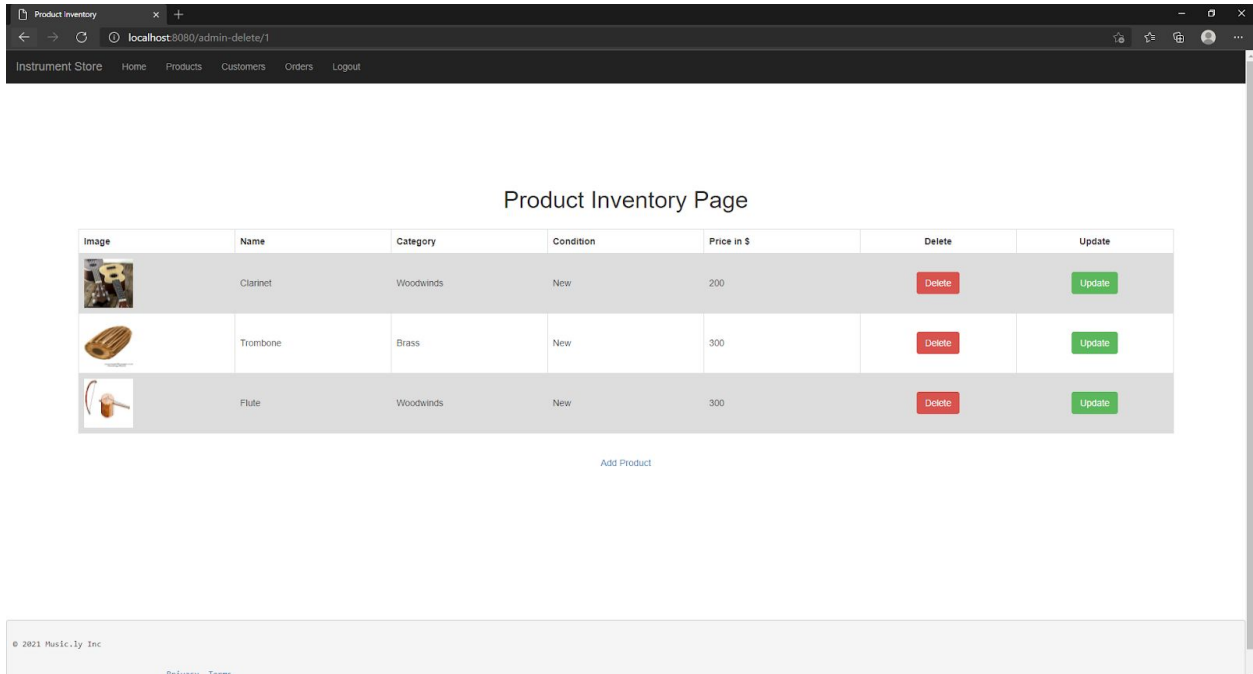
Products Page after Adding a new Product:



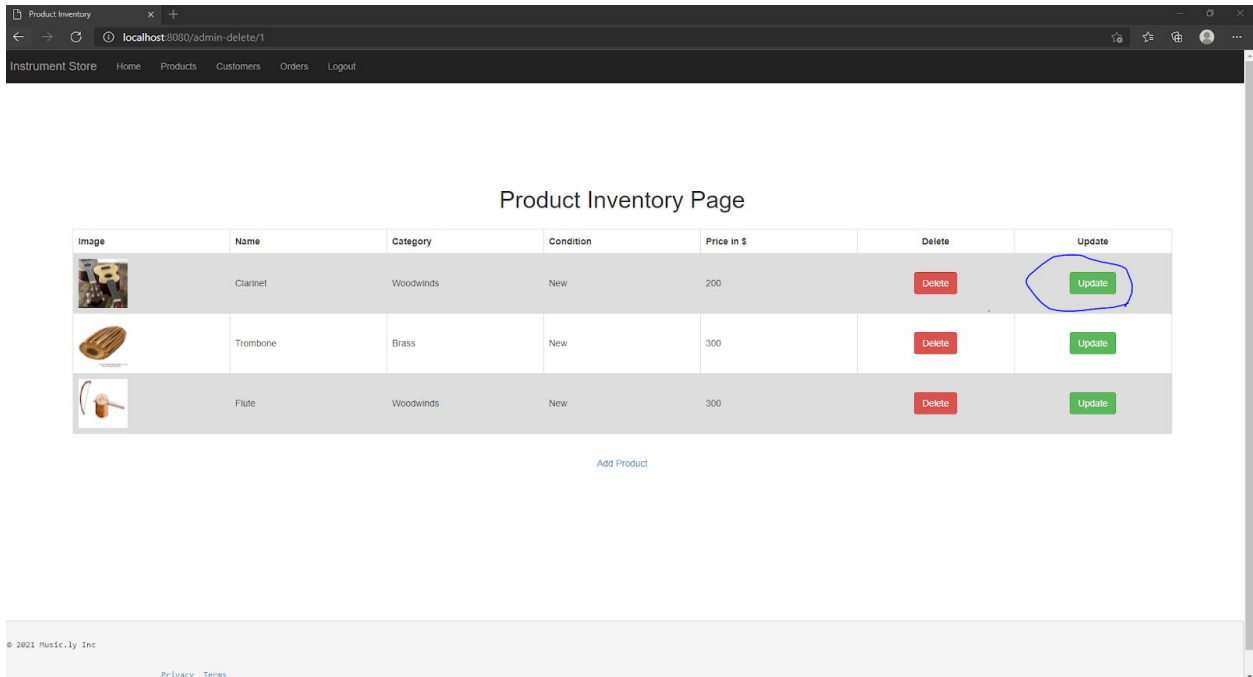
Delete button click:



Removed Product- Products Page:



Update button click:



Update Product page with edited details:

Product Inventory

localhost:8080/admin-update/2

Instrument Store Home Products Customers Orders Logout


Edit Product Details

Product Name

Category

Condition

Price in \$



No file chosen

[Add Product](#)

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


On Submit: Updated Product:

Product Inventory

localhost:8080/adminProduct

Instrument Store Home Products Customers Orders Logout

Product Inventory Page

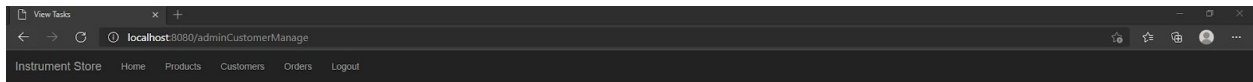
Image	Name	Category	Condition	Price in \$	Delete	Update
	Clarinet	Woodwinds	Old	200	<input type="button" value="Delete"/>	<input type="button" value="Update"/>
	Trombone	Brass	New	300	<input type="button" value="Delete"/>	<input type="button" value="Update"/>
	Flute	Woodwinds	New	300	<input type="button" value="Delete"/>	<input type="button" value="Update"/>

[Add Product](#)

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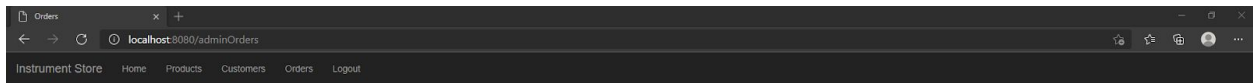
Customers Page: Admin mode:



Customers

User ID	Username	Password	Name	Email	Address	Phone Number	Apartment Number	City	State	Country	Zip Code	Active
1	karthiga	\$2a\$10\$chirjAuSaOmQA.D3zWHZVdZA4AjFY5qBt0BqYIM.MWCDs6kHS	Karthiga Gujulaadi Ravichandran	karthiga.ravic@hcl.com	42nd Ave Sacramento Street	4252058815	234	Sacramento	WA	United States	95610	true
2	megha	\$2a\$10\$6spcY3FVmDjA5IgQcWly.EM.k3XBDZuNl74nzhgluSCsBKtUhuq	Megha Lakshmi	karthiga.ravic@hcl.com	156	4252058815	34th Ave Boston Street	NewYork	NY	United States	95663	true

Orders Page: Order Management: Click Update button:



Order Management

User ID	Product ID	Product Name	Unit Price in \$	Quantity	Price in \$	Status	Update
1	2	Clarinet	200	2	400	Ordered	Update
1	3	Trombone	300	1	300	Ordered	Update
5	2	Clarinet	200	1	200	Ordered	Update
5	3	Trombone	300	1	300	Ordered	Update
5	4	Flute	300	2	600	Ordered	Update

Order Management Update Page: Click Submit button:

Orders

localhost:8080/admin-orderUpdate/2

Instrument Store Home Products Customers Orders Logout

Order Management Page

This is the order management Page!

User id 1Product id 2Product Name ClarinetUnit Price 200Quantity 2Price 400Status Shippedsubmit

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Orders Page after updation:

Orders

localhost:8080/adminOrders

Instrument Store Home Products Customers Orders Logout

User ID	Product ID	Product Name	Unit Price in \$	Quantity	Price in \$	Status	Update
1	2	Clarinet	200	2	400	Shipped	<button>Update</button>
1	3	Trombone	300	1	300	Ordered	<button>Update</button>
5	2	Clarinet	200	1	200	Ordered	<button>Update</button>
5	3	Trombone	300	1	300	Ordered	<button>Update</button>
5	4	Flute	300	2	600	Ordered	<button>Update</button>

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Search Functionality:

[Music.ly](#) [Home](#) [Products](#) [Welcome: UnderBrow44](#) [Logout](#) [Cart](#)

All Products
Checkout All the Awesome products available now!

Brass

search

Image	Name	Category	Condition	Price in \$	Click to Update
	Trumpet	Brass	New	2700	View Detail
	Trombone	Brass	Used	499	View Detail

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[Back to top](#)




Searching for New returns 3 products:

[Music.ly](#) [Home](#) [Products](#) [Welcome: UnderBrow44](#) [Logout](#) [Cart](#)

All Products
Checkout All the Awesome products available now!

New

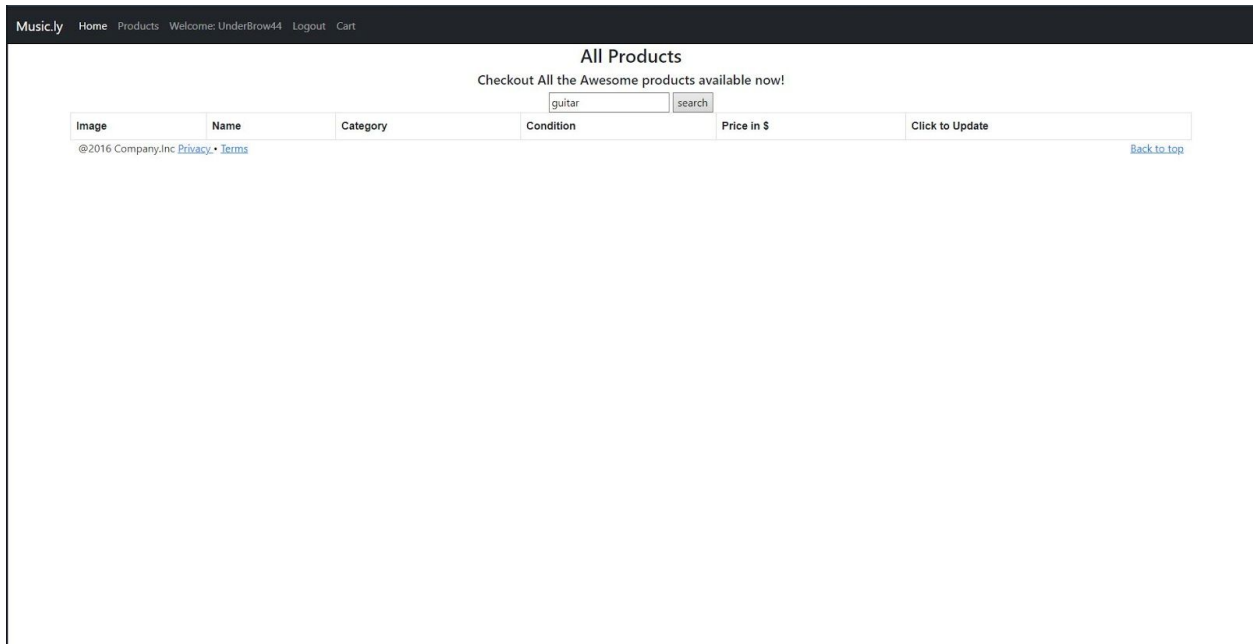
search

Image	Name	Category	Condition	Price in \$	Click to Update
	Saxophone	Woodwind	New	1200	View Detail
	Trumpet	Brass	New	2700	View Detail
	Flute	Woodwind	New	1200	View Detail

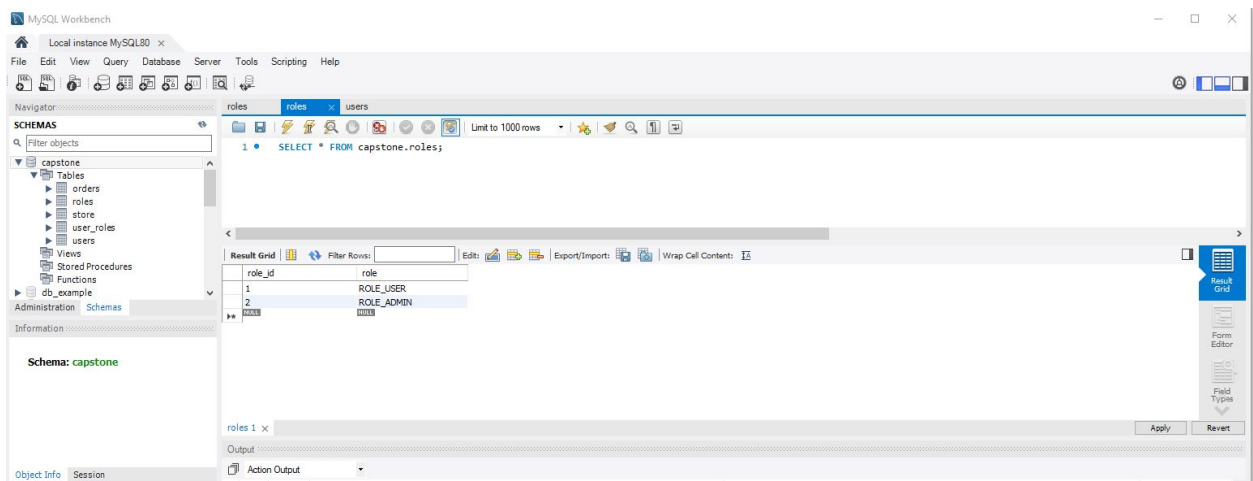
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Searching for Guitar returns 0 products:



MySQL WorkBench:
Roles table:



Users table:

MySQL Workbench interface showing the 'users' table in the 'capstone' schema. The query 'SELECT * FROM capstone.users;' is executed, displaying the following data:

user_id	active	address	apartment_number	city	country	email	name	password	phone	state	user_name	zipcode
1	1	42nd Ave ...	234	Sacramento	United States	karthiga.ravic@hd.com	Karthiga Gukul...	\$2a\$10\$chjyAu3aOmQA.D3zWHZY.d2A4AFXY...	4252058815	WA	karthiga	95610
2	1	156	34th Ave Boston Street	NewYork	United States	karthiga.ravic@hd.com	Megha Lakshmi	\$2a\$10\$6apcy3FvmdjAS/gQcWly.EH.k3x8DZu...	4252058815	NY	megha	95563
3	1	1567	35th Kamarajar Street	Madurai	United States	grkarthikagr@gmail.com	Ravi Chan	\$2a\$10\$8jR04/tthH/q8AieBFp.306plcpbmES...	4252058815	TN	ravi	95896
4	1	156	Street	Bothell	United States	grkarthikagr@gmail.com	Ram Kumar	\$2a\$10\$8q0NGFPg0hK3Fbo4mst6FuFEbQlm9h...	4252058815	WA	ram	95610
5	1	1	256	San Francisco	United States	karthiga.ravic@hd.com	Laura	\$2a\$10\$8D8aA.venut7G9NM5gB4i0K0mtrVQjQ...	4252058815	TX	lala	95610

User-Roles Table:

MySQL Workbench interface showing the 'user_roles' table in the 'capstone' schema. The query 'SELECT * FROM capstone.user_roles;' is executed, displaying the following data:

user_id	role_id
1	1
2	1
3	2
4	2
5	1

Orders Table with different status:

MySQL Workbench interface showing the 'orders' table in the 'capstone' schema. The query 'SELECT * FROM capstone.orders;' is executed, displaying the following data:

id	price	product_id	product_name	quantity	status	unit_price	user_id
2	400	2	Clarinet	2	Shipped	200	1
3	300	3	Trombone	1	Ordered	300	1
4	200	2	Clarinet	1	Ordered	200	5
5	300	3	Trombone	1	Ordered	300	5
7	600	4	Flute	2	Ordered	300	5
8	200	2	Clarinet	1	Cart	200	1
9	300	3	Trombone	1	Cart	300	1
10	300	4	Flute	1	Cart	300	1

Store Table:

	product_id	product_category	product_condition	product_image	product_name	product_price
▶	5	Woodwind	New	BLOB	Saxophone	1200
	6	Brass	New	BLOB	Trumpet	2700
	7	Woodwind	Used	BLOB	Clarinet	499
	8	Woodwind	New	BLOB	Flute	1200
	9	Brass	Used	BLOB	Trombone	499
*	NULL	NULL	NULL	NULL	NULL	NULL