

Lauren Finley



CS 3365

HW 3

Main Sequence for Make Order Request use case



The following rows are currently in my database tables:

customer_account

Result Grid		 Filter Rows:	 Edit:	
	account_id	password	card_no	customer_email
	alex	4567	23456789	alex@ttu.edu
	iane	6789	45678901	iane@ttu.edu
	iohn	5678	56789012	iohn@ttu.edu
	sam	7890	89012345	sam@ttu.edu
	steve	2345	12345678	steve@ttu.edu
	NULL	NULL	NULL	NULL



delivery_order

Result Grid

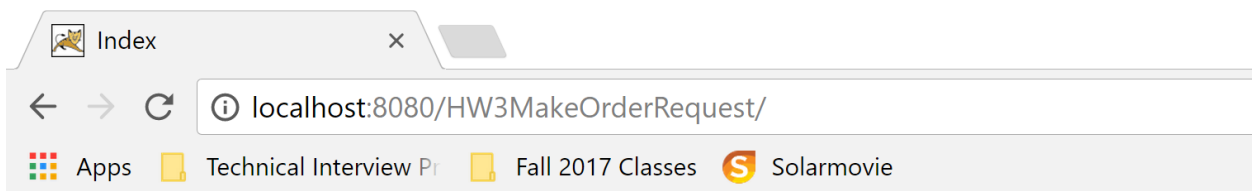
Filter Rows:

Edit:

	account_id	item	quantity	total_price	authorization_no
	alex	note	3	20.00	3333
	iohn	book	1	50.00	5555
	sam	note	20	10.00	7777
	NULL	NULL	NULL	NULL	NULL

When you run the application, this is the home page:

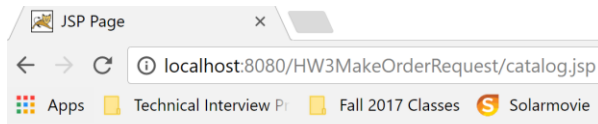


Online Shopping Store

Welcome to our online shopping store. Please select an option from the menu to continue.

- [Browse Catalog](#)
- [Quit](#)

The user clicks on browse catalog and is redirected to the catalog page where he can select an item and quantity for an order request. In this case the user has selected 2 pencils:



Catalog

Item

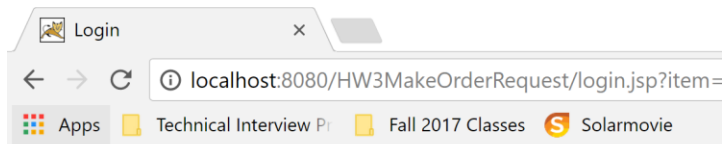
- ☐ Note (\$1 each)
- ☐ Book (\$1 each)
- ☒ Pencil (\$1 each)

Quantity

2 ▼

Submit Order Request

After hitting submit the user is directed to the login page where he can enter a username and password. In this case the username is steve and the password is 2345:



Login

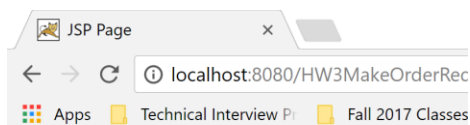
Account Id:

Password:

Submit

Don't have an account? Click [here](#).

The username in password is in the database, so application retrieves the credit card number of that user from the database and sends it to be authorized by the bank:



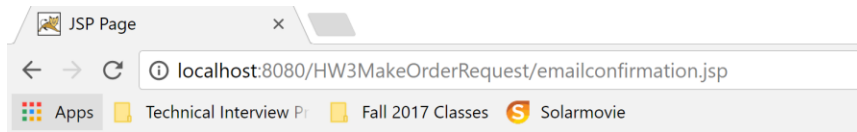
Bank

Is this a verified credit card? 12345678

- ☒ Yes
- ☐ No

Submit

The bank authorized the credit card, and the user is redirected to a confirmation page. This concludes the main sequence:



Email Confirmation

Thank you for your order. An email confirmation has been sent to steve@ttu.edu

Order Confirmation

Account Id: steve

Item: pencil

Quantity: 2

Total Price: \$2.00

Authorization Number: 5162603

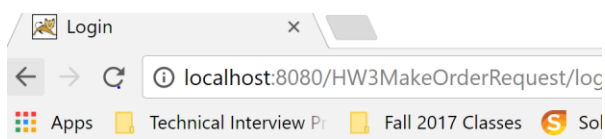
The delivery_order table has been updated to include the new order request:

A screenshot of a database result grid. It has a toolbar with "Result Grid", "Filter Rows:", and "Edit:". The table has 6 columns: account_id, item, quantity, total_price, and authorization_no. The data rows are: alex (note, 3, 20.00, 3333), john (book, 1, 50.00, 5555), sam (note, 20, 10.00, 7777), and steve (pencil, 2, 2.00, 5162603). There is also a row with NULL values.

account_id	item	quantity	total_price	authorization_no
alex	note	3	20.00	3333
john	book	1	50.00	5555
sam	note	20	10.00	7777
steve	pencil	2	2.00	5162603
NULL	NULL	NULL	NULL	NULL

Make Order Request use case – No account or cancel

If the user enters an incorrect password, they will be redirected to the Login Confirmation page. From here they can click the link to try and login again or they can create a new account. You can select the create account link on the login page:

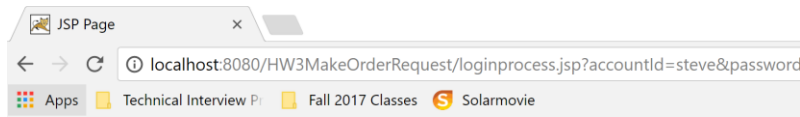


Login

Account Id:

Password:

Don't have an account? Click [here](#).



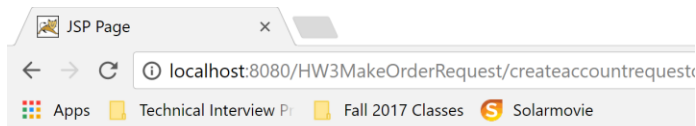
Login Confirmation

Your login was unsuccessful.

The username or password you entered is incorrect. Please click [here](#) to go back and try again.

If you do not have an account, [click here](#) to create a new account and continue with your order

From the Create Account Request Order page, the user can enter information and create an account:

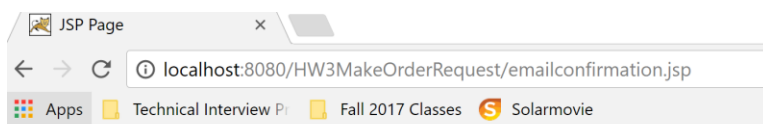


Create Account Request Order

Please enter your information so we can proceed with your order request.

First Name:
Password:
Email:
Credit Card Number:

After hitting submit, there order request will be submitted and they are redirected to the Email Confirmation page:



Email Confirmation

Thank you for your order. An email confirmation has been sent to mary@ttu.edu

Order Confirmation

Account Id: mary
Item: note
Quantity: 1
Total Price: \$1.00
Authorization Number: 6020653

The customer_account and delivery_order tables have been updated to include the new customer's details:



Result Grid



Filter Rows:

Edit:

	account_id	password	card_no	customer_email
	alex	4567	23456789	alex@ttu.edu
	iane	6789	45678901	iane@ttu.edu
	iohn	5678	56789012	iohn@ttu.edu
	marv	54321	88888888	marv@ttu.edu
	sam	7890	89012345	sam@ttu.edu
	steve	2345	12345678	steve@ttu.edu
	NULL	NULL	NULL	NULL

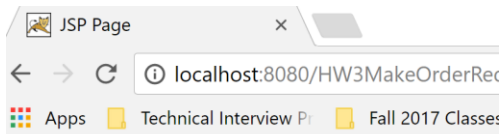
Result Grid



Filter Rows:

Edit:



	account_id	item	quantity	total_price	authorization_no
	alex	note	3	20.00	3333
	iohn	book	1	50.00	5555
	marv	note	1	1.00	6020653
	sam	note	20	10.00	7777
	steve	pencil	2	2.00	5162603
	NULL	NULL	NULL	NULL	NULL

Make Order Request use case – Not Approved



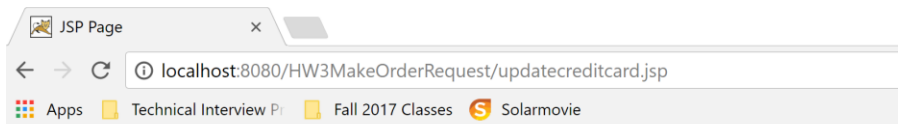
Bank

Is this a verified credit card? 88888888

☐ Yes

☒ No

If the bank actor does not verify the credit card, the user will be redirected to this page:

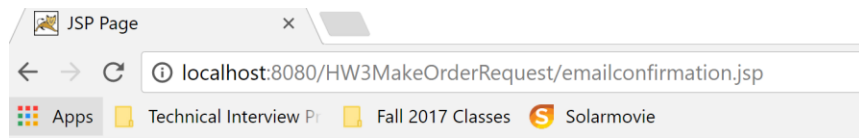


Update Credit Card

The credit card you have on file was declined. Please enter a new card number to complete your order

Credit Card Number:

After entering a new card number, the order is processed and the customer is redirected to the Email Confirmation page:



Email Confirmation

Thank you for your order. An email confirmation has been sent to mary@ttu.edu

Order Confirmation

Account Id: mary

Item: note



Quantity: 1

Total Price: \$1.00

Authorization Number: 4591795

The customer_account table is updated with the new credit card number:

Result Grid



Filter Rows:

Edit:

	account_id	password	card_no	customer_email
	alex	4567	23456789	alex@ttu.edu
	iane	6789	45678901	iane@ttu.edu
	iohn	5678	56789012	iohn@ttu.edu
	marv	54321	87654321	marv@ttu.edu
	sam	7890	89012345	sam@ttu.edu
	steve	2345	12345678	steve@ttu.edu
	NULL	NULL	NULL	NULL