



Lab Report Cover Page

Course Number	CPS510
Course Title	Database Systems I
Semester/Year	F2020
Instructor	Dr. A. Abhari
TA Name	Haytham Qushtom

Assignment/Lab Report No.	9
Report Title	Demonstration of Application by Java/Web Based UI

Section No.	8
Group No.	8
Submission Date	December 1, 2020
Due Date	December 1, 2020

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*By signing above you attest that you have contributed to this written lab report and confirm that all work you have contributed to this lab report is your own work. Any suspicion of copying or plagiarism in this work will result in an investigation of Academic Misconduct and may result in a "0" on the work, an "F" in the course, or possibly more severe penalties, as well as a Disciplinary Notice on your academic record under the Student Code of Academic Conduct, which can be found online at: <http://www.ryerson.ca/senate/current/pol60.pdf>

Java GUI Screenshots:

Compiling and running using ojdbc6.jar:

Command Prompt - java -cp ojdbc6.jar; GUI

```
C:\Users\James.DESKTOP-AUA8B9F\Documents\cps510\assign\9>javac -cp ojdbc6.jar; GUI.java
C:\Users\James.DESKTOP-AUA8B9F\Documents\cps510\assign\9>java -cp ojdbc6.jar; GUI
```

Java program launched:



Tables dropped:




Tables created:

 eCommerce GUI

Delete Tables	Create Tables	Populate Tables
Customer Query	Courier Query	Seller Query
Category List	Brand List	Customer + Payment Query
Product + Seller Query	Cart Tracking Query	Customer + Product Query
Product Info Query	Vintage Jacket or Coffee Table Union Query	Product Sales Query
Non-CanPost Cart Query	ToysRUs Product Query	

Tables created.

Tables populated:

 eCommerce GUI

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Tables populated.

Queries:

eCommerce GUI

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Customer Name, eMail
 Betty DeLile, bdile@gmail.com
 Cashwan, cashwan@gmail.com
 J Weber, jweber@gmail.com
 Mr Saad, saad1@gmail.com
 Ms Feeld, feeld@gmail.com

eCommerce GUI

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Courier Name, Website, Phone#:
 CanPost, canpost.ca, 1800555555
 Fedex, fedex.com, 18005555515
 UPS, ups.com, 18005558954

eCommerce GUI

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Seller Name, eMail, Phone#, Address:

ABC Books, abc@yahoo.com, 8159265484, 89 John St
 Max Computers, contact@maxcomp.com, 1800555755, 123 Max Ave
 Min Computers, contact@mincomp.com, 815784658, 321 Min St
 Park Vintage, info@parkvintage.com, 9068526268, Bud St
 ToysRUs, cs@toyrus.com, 18885558181, 189 Toy Place

eCommerce GUI

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Product Category:

Books
 Clothing
 Computer
 Games
 Toys

eCommerce GUI

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Brand:
Apple
Hot Wheels
Microsoft
Nintendo
Penguin Books
Vintage

eCommerce GUI

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Customer Name, Payment Amount, Payment Type, Date:
Cashwan, 85.0, PayPal, 2020-10-01 00:00:00.0
J Weber, 4000.0, Visa, 2020-10-05 00:00:00.0
Mr Saad, 70.0, Interac, 2020-10-18 00:00:00.0
Ms Feeld, 125.0, MasterCard, 2020-10-20 00:00:00.0
Betty DeLile, 60.0, Apple Pay, 2020-10-28 00:00:00.0

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Product, Product Count, Price, Seller:

Apple Monitor, 20, 4000.0, Max Computers
Coffee Table Book, 20, 10.0, ABC Books
Hot Wheels Track Set, 15, 55.0, ToysRUs
Microsoft Keyboard, 50, 75.0, Min Computers
Vintage 80s Military Jacket M, 10, 25.0, Park Vintage
Vintage Nursery Rhymes Book, 5, 5.0, Park Vintage
Zelda, 40, 70.0, ToysRUs

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Customer, Cart Status, Tracking#:

Betty DeLile, Shipped, WJKX8518
Cashwan, Shipped, X81865189EN
J Weber, Shipped, xn151890op
Mr Saad, Shipped, EX8189156
Ms Feild, Processing, 0605481028700

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Customer, Product, Product Amount:

Betty DeLile, Coffee Table Book, 1
Betty DeLile, Vintage 80s Military Jacket M, 2
Cashwan, Coffee Table Book, 1
Cashwan, Microsoft Keyboard, 1
J Weber, Apple Monitor, 1
Mr Saad, Vintage 80s Military Jacket M, 1
Ms Feeld, Hot Wheels Track Set, 1
Ms Feeld, Zelda, 1

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Product, Brand, Category, Seller:

Apple Monitor, Apple, Computer, Max Computers
Coffee Table Book, Penguin Books, Books, ABC Books
Hot Wheels Track Set, Hot Wheels, Toys, ToysRUs
Microsoft Keyboard, Microsoft, Computer, Min Computers
Vintage 80s Military Jacket M, Vintage, Clothing, Park Vintage
Vintage Nursery Rhymes Book, Vintage, Books, Park Vintage
Zelda, Nintendo, Games, ToysRUs

eCommerce GUI

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Customers who bought either 80s Vintage Jackets or Coffee tables:
Betty DeLile
Cashwan
Mr Saad

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Product, # Sold:
Microsoft Keyboard, 1
Hot Wheels Track Set, 1
Zelda, 1
Coffee Table Book, 2
Apple Monitor, 1
Vintage 80s Military Jacket M, 2

eCommerce GUI

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Customer, Cart Status (not shipped by CanPost):
Mr Saad, Shipped
Betty DeLile, Shipped

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Products sold by Seller Toysrus:
Hot Wheels Track Set
Zelda