

NIKO
ONLINE
SHOE STORE



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introducing
TAHMIN
ANOWER

Computer Science
Year 2

22107453d

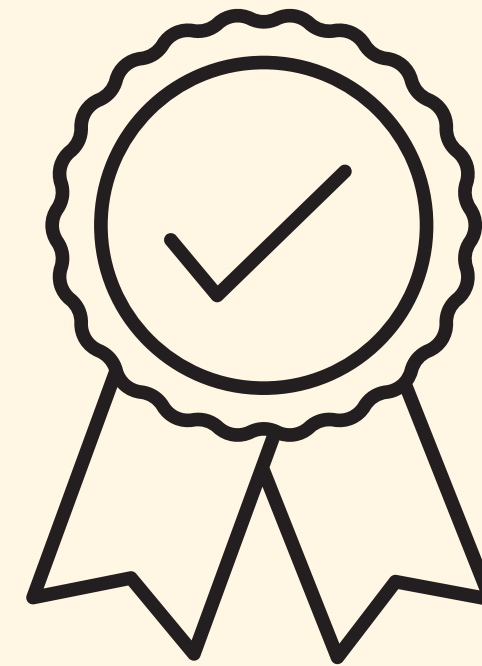
ROLE

Group Member
CEO

Introduction

Welcome to the Niko Online Shoe Store,

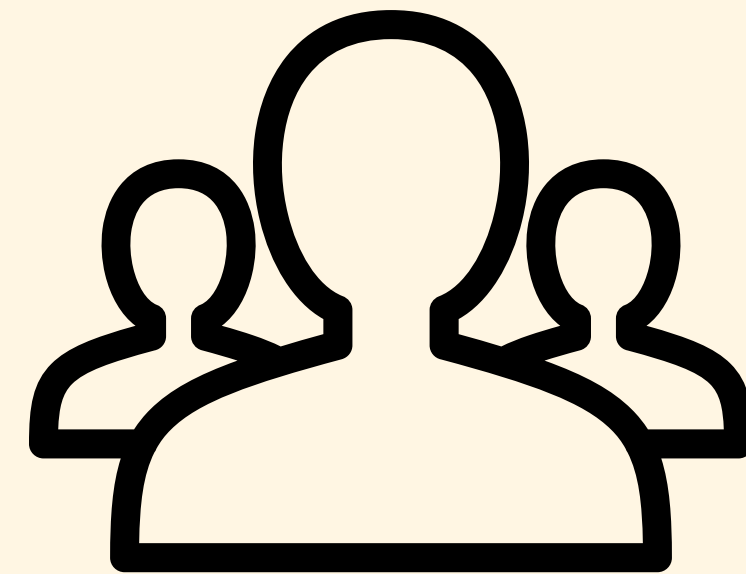
- A unique command line-based shopping system
- Niko offers an extensive set of features,



High Quality



Best Product



Good faith

System Setup

SYSTEM SETUP

THE MOST IMPORTANT TASK TO RUN THE APPLICATION

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ROLE

Group Member
CFO

ORACLE DESIGN

Database consists of 3 tables for
storing and retrieving data

USERS	
USERID	INT, PRIMARY KEY
USERNAME	VARCHAR2
PASSWORD	VARCHAR2
ROLE	VARCHAR2
FULLNAME	VARCHAR2
EMAIL	VARCHAR2
ADDRESS	VARCHAR2

“USERS” TABLE

PRODUCTS	
PRODUCTID	INT, PRIMARY KEY
NAME	VARCHAR2
PRICE	FLOAT
QUANTITY	INT
CATEGORY	VARCHAR2
DESCRIPTION	VARCHAR2

“PRODUCTS” TABLE

ORDERS	
ORDERID	INT, PRIMARY KEY
USERID	INT
PRODUCTID	INT
QUANTITY	INT
ORDERDATE	DATE
USERID	FOREIGN KEY(USERS)
PRODUCTID	FOREIGN KEY(PRODUCTS)

“ORDERS” TABLE

DB CONNECTION

```
4 usages
public class DatabaseConnection {

    4 usages
    private static Connection connection;

    // Assuming these are your correct database connection details
    1 usage
    private static final String URL = "jdbc:oracle:thin:@studora.comp.polyu.edu.hk:1521:dbms";
    1 usage
    private static final String USER = "\"22082293d\"@dbms";
    1 usage
    private static final String PASSWORD = "ndfolzah";

    14 usages
    public static Connection getConnection() {
        try {
            if (connection == null || connection.isClosed()) {
                DriverManager.registerDriver(new oracle.jdbc.driver.OracleDriver());
                connection = DriverManager.getConnection(URL, USER, PASSWORD);
            }
        }
    }
}
```

- The connection to an Oracle database is established using JDBC (Java Database Connectivity).
- The connection details, including the URL, username, and password, are specified in the DatabaseConnection class.
- The JDBC driver employed in this connection is the Oracle Thin driver, a Type 4, 100% pure Java driver for client-side use.

Main Menu Control

MAIN MENU

LOGIN

Existing Customer and Admins can log in and will be forwarded to the respective menus.

CREATE ACCOUNT

New user can make new user account
New admins can make new admin Accounts

CONTACT US

If the user faces any difficulties, they get support by finding out contact information

EXIT

SHUTS DOWN THE APPLICATION

WELCOME TO THE NIKO ONLINE SHOE STORE

1. Login
2. Create Account
3. Contact Us
4. Exit

=====

Enter your choice(1 to 4):

MAIN FUNCTION

Login function, Help function and Exit
function

```
=====

WELCOME TO THE NIKO ONLINE SHOE STORE

1. Login
2. Create Account
3. Contact Us
4. Exit

=====

Enter your choice(1 to 4):
```

```
=====

Enter your choice(1 to 4): 1
Enter Username: peterchan
Enter Password: peterchan123

Signing into your account. Please wait...

=====
```

ENTER 1
To login/customer

```
Enter your choice(1 to 4): 3

Contact Us For Support

1) Tahmin Anower (Niko CEO) Phone: 55154870

2) Lubaba Hassan (Niko President) Phone: 9801515

3) Diana Kim (Niko Director General) Phone: 778542145

4) Pranav Keda (Niko C00) Phone: 144521124
```

ENTER 3
To contact us

```
Enter your choice(1 to 4): 4

=====

Hope You Enjoyed Shopping With Us.

Have A Wonderful Day

Please Come Back again!

Closing Niko Online Shoe Store
```

Enter 4
To shut the application down

Main Menu Control

MAIN FUNCTION

Enter 2
To create a new Account

Followed by

Enter 1
To create a new customer
account

Or

Enter 2
To create a new admin account

```
=====

Enter your choice(1 to 4): 2
=====

Account Type:
1. Admin
2. Customer

=====

Choose account type (1 for Admin, 2 for Customer): 2
Enter Full Name: Peter Chan
Enter Email: peterchan@polyu.com
Enter Address: Hong Kong Polytechnic University
Enter Username: peterchan

Verifying Username. Please wait...

Username Approved

Enter Password: peterchan123

customer account created successfully.
=====
```

Customer

```
=====

Enter your choice(1 to 4): 2
=====

Account Type:
1. Admin
2. Customer

=====

Choose account type (1 for Admin, 2 for Customer): 1
Enter Username: adminJohn

Verifying Username. Please wait...

Username Approved

Enter Password: admin123

admin account created successfully.
=====
```

Admin

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LUBABA
HASAN

Data Science & Analytics
Year 2

22097014D

ROLE

Group Member
NIKO PRESIDENT

VIEW ALL PRODUCTS

Customer can explore all products details such as name, price, quantity, category, and description.

SEARCH PRODUCT

- BY NAME
- BY CATEGORY

Customer can choose to search by category or by name.

BUY PRODUCT

Allows customer to add product in the shopping cart.

CHECKOUT

Summarize the selected items and indicate the total purchase cost.

EXIT

CUSTOMER MENU

```
=====

Enter your choice(1 to 4): 1
Enter Username: peterchan
Enter Password: peterchan123

Signing into your account. Please wait...

=====

Customer Menu

1. View All Products
2. Search Product by Name
3. Search Product by Category
4. Buy Product
5. Checkout
6. Logout

=====

Enter your choice(1 to 6):
```


Customer Menu

- 1. View All Products
- 2. Search Product by Name
- 3. Search Product by Category
- 4. Buy Product
- 5. Checkout
- 6. Logout

=====

CUSTOMER FUNCTIONS

ENTER 1
TO VIEW ALL PRODUCTS

Enter your choice(1 to 6): 1

THE ITEMS FOR SALE TODAY

Product ID: 1	Name: Niko Air Max	Quantity: 59	Category: MENS	Price: 899.0	Description: Classic style, ultimate comfort.
Product ID: 2	Name: Niko Air Force 1	Quantity: 60	Category: MENS	Price: 1400.0	Description: Iconic design, everyday wear.
Product ID: 3	Name: Niko Air Max 90	Quantity: 60	Category: LADIES	Price: 799.0	Description: Timeless style, maximum cushioning.
Product ID: 4	Name: Niko Air Max 97	Quantity: 60	Category: KIDS	Price: 159.0	Description: Sleek design, futuristic flair.
Product ID: 5	Name: Niko Air Max 270	Quantity: 60	Category: KIDS	Price: 149.0	Description: Maximum comfort, modern aesthetics.
Product ID: 6	Name: Niko Mens Air Max Systm	Quantity: 60	Category: LADIES	Price: 139.0	Description: Dynamic support, bold style.
Product ID: 7	Name: Niko Air Force 1 07	Quantity: 60	Category: LADIES	Price: 129.0	Description: Classic hoops style, premium feel.
Product ID: 8	Name: Niko Mens Air Max 1 Slide	Quantity: 55	Category: MEN	Price: 500.0	Description: Slip-on comfort, stylish flair.
Product ID: 28	Name: Niko-Air-Flex-Pro	Quantity: 60	Category: MEN	Price: 900.0	Description: Flexible-Performance-For-Athletes

Customer Menu

1. View All Products
2. Search Product by Name
3. Search Product by Category
4. Buy Product
5. Checkout
6. Logout

=====

CUSTOMER FUNCTIONS

**ENTER 2
TO SEARCH PRODUCT BY NAME**

Enter your choice(1 to 6): 2

Enter Product Name: *Slide*

ID: 8, Name: Niko Mens Air Max 1 Slide, Price: 500.0, Quantity: 55, Description: Slip-on comfort, stylish flair.

Customer Menu

1. View All Products
2. Search Product by Name
3. Search Product by Category
4. Buy Product
5. Checkout
6. Logout

=====

CUSTOMER FUNCTIONS

**ENTER 3
TO SEARCH PRODUCTS
BY CATEGORY**

=====

Enter your choice(1 to 6): 3

Category: MENS

Category: LADIES

Category: KIDS

Category: MEN

Enter Category: KIDS

ID: 4, Name: Niko Air Max 97, Price: 159.0, Quantity: 60, Description: Sleek design, futuristic flair.

ID: 5, Name: Niko Air Max 270, Price: 149.0, Quantity: 60, Description: Maximum comfort, modern aesthetics.

=====

CUSTOMER FUNCTIONS

```
Customer Menu

1. View All Products
2. Search Product by Name
3. Search Product by Category
4. Buy Product
5. Checkout
6. Logout
=====
```

**ENTER 4
TO BUY/ ADD PRODUCT
TO SHOPPING CART**

```
=====

Enter your choice(1 to 6): 4
Enter Product ID to add to cart: 7

Product added to cart.

=====
```

CUSTOMER FUNCTIONS

**ENTER 5
TO CHECKOUT AND SEE
THE TOTAL COST**

Customer Menu

1. View All Products
2. Search Product by Name
3. Search Product by Category
4. Buy Product
5. Checkout
6. Logout

=====

Enter your choice(1 to 6): 5

Products in your cart:

ID: 4, Name: Niko Air Max 97, Price: 159.0
ID: 8, Name: Niko Mens Air Max 1 Slide, Price: 500.0
ID: 7, Name: Niko Air Force 1 07, Price: 129.0
ID: 8, Name: Niko Mens Air Max 1 Slide, Price: 500.0
ID: 6, Name: Niko Mens Air Max Systm, Price: 139.0
ID: 4, Name: Niko Air Max 97, Price: 159.0

Total: 1586.0

Do you want to complete the purchase? (yes/no): yes

Purchase completed successfully.

introducing
DIANA
KIM

Data Science & Analytics
Year 2

22102139D

ROLE

Group Member
DIRECTOR GENERAL

ADMIN MENU

```
=====

Enter your choice(1 to 4): 1
Enter Username: adminJohn
Enter Password: admin123

Signing into your account. Please wait...
=====

Admin Menu
1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6) 6
=====
```

SALE REPORT
ANALYSIS

**INVENTORY
MANAGEMENT**
Manipulate Inventory
Price/Stock Update

ORDER HISTORY
Product Design

LOGOUT
Return to Main Menu

Admin Menu

1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6)

ADMIN FUNCTIONS

ENTER 1

**ADD NEW PRODUCTS TO
THE INVENTORY**

```
Enter your choice(1 to 6) 1
Enter Product Name: Niko-Air-Flex-Pro
Enter Price: 900
Enter Quantity: 60
Enter Category: MEN
Enter Description: Flexible-Performance-For-Athletes

Product added successfully.
```

Admin Menu

1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6)

ADMIN FUNCTIONS

ENTER 2

**UPDATE THE PRICE AND
THE STOCK OF THE
PRODUCT**

=====

Enter your choice(1 to 6) 2

Enter Product ID to Update: 8

Enter New Price: 500

Enter New Quantity: 55

Product updated successfully.

=====

Admin Menu

1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6)

ADMIN FUNCTIONS

ENTER 3

**ERASE THE PRODUCT
FROM THE INVENTORY
USING PRODUCT ID**

=====

Enter your choice(1 to 6) 3

Enter Product ID to Delete: 27

Product deleted successfully.

=====

Admin Menu

1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6)

ADMIN FUNCTIONS

*SALES REPORT

ENTER 4

**GENERATES SALES
REPORT FOR ADMIN
ANALYSIS**

=====

Enter your choice(1 to 6) 4

Product Details and Sales Information:

Product ID: 1	Name: Niko Air Max	Price: 899.0	Quantity: 52	Total Sold: 8
Product ID: 2	Name: Niko Air Force 1	Price: 1400.0	Quantity: 56	Total Sold: 4
Product ID: 3	Name: Niko Air Max 90	Price: 799.0	Quantity: 60	Total Sold: 0
Product ID: 4	Name: Niko Air Max 97	Price: 159.0	Quantity: 58	Total Sold: 2
Product ID: 5	Name: Niko Air Max 270	Price: 149.0	Quantity: 52	Total Sold: 8
Product ID: 6	Name: Niko Mens Air Max Systm	Price: 139.0	Quantity: 59	Total Sold: 1
Product ID: 7	Name: Niko Air Force 1 07	Price: 129.0	Quantity: 59	Total Sold: 1
Product ID: 8	Name: Niko Mens Air Max 1 Slide	Price: 500.0	Quantity: 53	Total Sold: 2
Product ID: 28	Name: Niko-Air-Flex-Pro	Price: 900.0	Quantity: 56	Total Sold: 4

=====

Admin Menu

1. Add New Products to the Inventory
2. Update Product's Price/Stock
3. Delete Product
4. Sales Report
5. Customer Order History
6. Logout

=====

Enter your choice(1 to 6)

ADMIN FUNCTIONS

ENTER 5

**SHOWS THE PURCHASE
HISTORY OF EXISTING
CUSTOMERS**

=====

Enter your choice(1 to 6) 5

Order ID: 1, User ID: 1, Product ID: 1, Quantity: 1, Order Date: 2023-12-02

Order ID: 8, User ID: 1, Product ID: 4, Quantity: 1, Order Date: 2023-12-02

Order ID: 9, User ID: 1, Product ID: 8, Quantity: 1, Order Date: 2023-12-02

Order ID: 10, User ID: 1, Product ID: 7, Quantity: 1, Order Date: 2023-12-02

Order ID: 11, User ID: 1, Product ID: 8, Quantity: 1, Order Date: 2023-12-02

Order ID: 12, User ID: 1, Product ID: 6, Quantity: 1, Order Date: 2023-12-02

**THANK YOU
FOR YOUR
ATTENTION**

CONTACT US

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22102139D Diana KIM

22107453D Tahmin ANOWER

22082293D Pranav KEDIA