User Manual

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This user manual is designed to help you understand and use the provided code. The code provides a command-line interface system for managing customers, orders, and products. You can use this system to log in, register, view, and manipulate different data as a customer or an administrator.

Login Menu

===== Login Menu =====

1.Login

2.Register

3.Quit

Enter your choice: 1

===== Login Menu =====

1.Initial account login

2.Login in with exist account

Enter your choice: 2

Enter username: admin

Enter password: password

Login successful.

If the provided username and password are correct, the system will display a login successful message and show different menus based on the user's role.

3. Administrator Menu

=====Admin Menu ======

1.Show products

2.Add customers

3.Show customers

4.Show Orders

5.Generate test data

6.Generate all statistical figures

7.generate_discount_figure

8.Generate_likes_count_figures

9.Generate_discount_likes_count_figure

10.Delete all data

11.Delete customer using customer id

12.Delete order using order id

13.Delete product using product id

14.Logout

4. View Customer List

If you choose option 3, you will be asked to enter a page number.

Based on the page number you provide, the system will display the corresponding customer list.

Please press enter to continue...3

Enter page_number:1

=====Customer List =====

Page1/2:

	user_id	user_name	user_password	user_register_time	user_role	user_email	user_mobile
0	u_0000000000	username	^^abpcdaefsghsijwklomnropdqr1$$	09-06-2023_10:55:17	customer	123@qq.com	312345678
1	u_0000000001	cus1	^^abpcdaefsghsijwklomnropd$$	09-06-2023_11:12:06	customer	123@gamil.com	312345678
2	u_0000000002	cus2	^^abpcdaefsghsijwklomnropd$$	09-06-2023_11:12:06	customer	123@gamil.com	312345678
3	u_0000000003	cus3	^^abpcdaefsghsijwklomnropd$$	09-06-2023_11:12:06	customer	123@gamil.com	312345678

5. View Order List

If you choose option 4, you will be asked to enter a page number.

Please press enter to continue...4

Enter page_number:1

=====Order List =====

Page1/119:

	order_id	user_id	pro_id	order_time
0	u_00000	u_0000000001	961702	09-4-2023_11:12:06

6. Generate Test Data

If you choose option 5, the system will automatically generate test data and display the corresponding information on the screen.Please press enter to continue...5

Test data generated successfully.

1674357,SKUF04432,accessories,Bonnet en coton brodé pour homme Chapeau avant Chapeau de soleil rétro britannique Béret littéraire,12.99,23.99,46,46

1637791,SKUE50991,accessories,Casquette gavroche octogonale d'été Cabbie Lvy Flat Hat,20.49,42.47,52,121

1690229,SKUF19523,accessories,Casquettes de crâne pour hommes à carreaux sans bord assortis,12.99,25.99,50,71
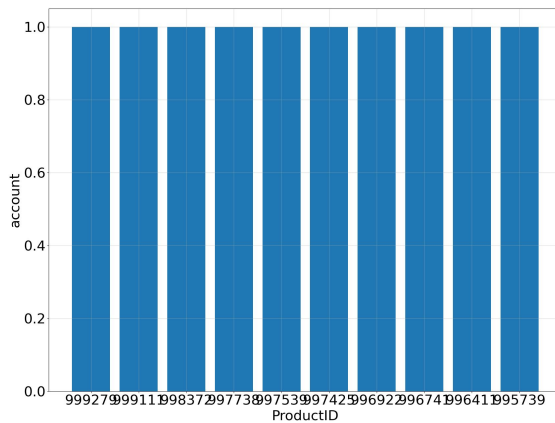
1682316,SKUF26232,accessories,Ceinture en cuir véritable pour hommes Ceinture décontractée Sangle de taille Broche lisse Ceinture rétro,32.99,64.99,49,35

7. Generate All Statistical Figures

If you select option 6, the system will generate all statistical figures and save them in the "figure" folder. Please wait for approximately 20 seconds for the charts to be generated completely.
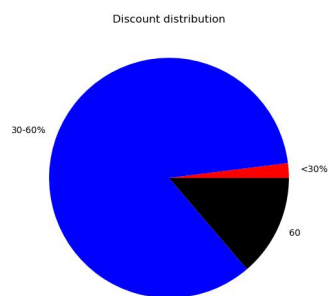
Please press enter to continue...6

All statical figures generated successfully.

8. Generate discount statistics chart

If you choose 7, the system will generate statistical charts related to discounts and save them in the figure folder. Please wait approximately 20 seconds for the graph to be generated.Please press enter to continue...7
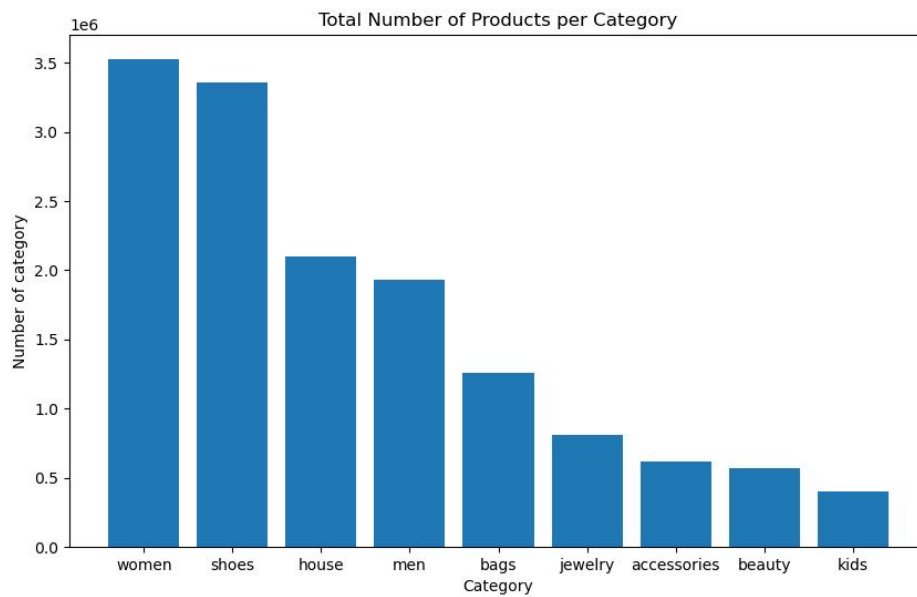
All statical figures generated successfully.

Discount distribution
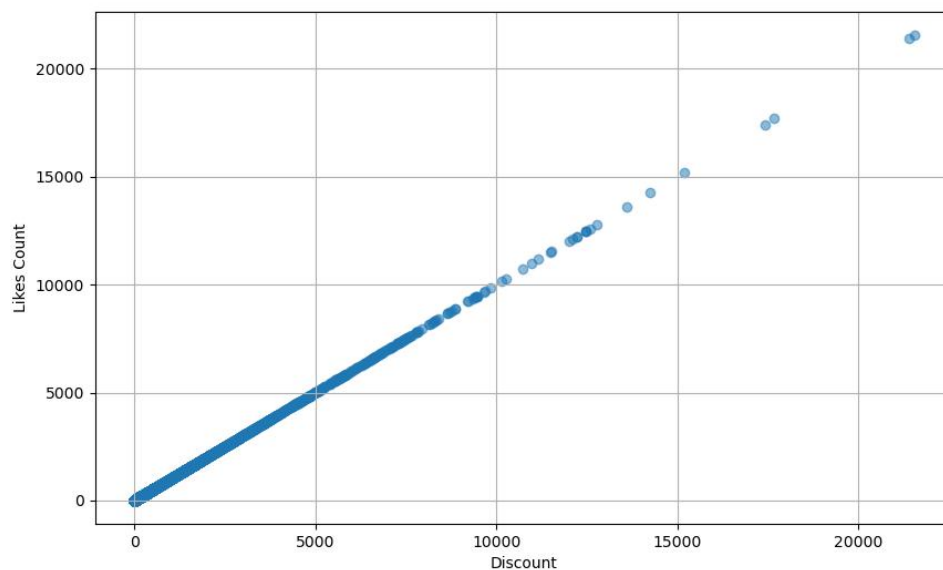
9. Generate like statistics chart

If you choose 8, the system will generate a statistical chart related to the number of product likes and save it in the figure folder. Please wait approximately 20 seconds for the graph to be generated.

All statical figures generated successfully.

10. Generate discount and like statistics chart

If you choose 9, the system will generate a statistical graph related to discounts and likes and save it in the figure folder. Please wait approximately 20 seconds for the graph to be generated.

11. Delete all data

If you choose 10, the system will delete all data, including product, customer and order information.

12. Delete customer using customer ID

If you choose 11, you will be asked to enter the ID of the customer you want to delete.

According to the customer ID you provide, the system will delete the corresponding customer information.

u_0000000008

13. Delete an order using the order ID

If you choose 12, you will be asked to enter the ID of the order you want to delete.

Please press enter to continue...12

Enter the order ID to delete:u_00366

Order with ID u_00366 deleted successfully.

According to the order ID you provided, the system will delete the corresponding order information.

Next page after Enter

14. Delete product using product id

If you choose 13, you will be asked to enter the ID of the product you want to delete.

Please press enter to continue...13

Enter the product ID to delete: 1694979

Product with ID1694979 deleted successfully.

Please enter to continue...

According to the product ID you provided, the system will delete the corresponding product information.

15. Log out

If you choose 14, the system will log out of the currently logged in account.14.Logout

Please press enter to continue...14

Logging out...

The above is the basic function and operation guide of the system. Hope this user manual is helpful to you when using the system!

Two have an account to log in

=====Login Menu ======

1.Login

2.Register

3.Quit

Enter your choice: 1

===== Login Menu =====

1.Initial account login

2.Login in with exist account

Enter your choice: 2

Enter username: cus1

Enter password: password

Login successful.

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 1

user_id:cus1

user_email:123@gamil.com

user_mobile:312345678

user_role:customer

user_register_time:09-06-2023_11:12:06

Please enter to continue...2

Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 2

Enter email:12345@gmail.com

Enter mobile: 0312345679

Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 1

user_id:cus1

user_email:12345@gmail.com

user_mobile:0312345679

user_role:customer

user_register_time:09-06-2023_11:12:06

Please enter to continue...3

Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 3

Enter pro_name:bags

Enter pro_category(accessories,bags,beauty,house,jewelry,kids,men,shoes,women):

bags

Enter page_number:1

=====Product List =====

Page1/1:

pro_id		pro_model	pro_category	pro_name	pro_current_price	pro_raw_price	pro_discount	pro_likes_count
7407	1304531	SKU955854	bags	National Tassel Handbags Chinese Chain Chain Bags	35.41	61.63	43	591
7601	1277481	SKU912216	bags	Brenice Embossed Craft Handbags Sacs à bandoul...	89.37	170.30	48	408
9969	1320072	SKU765980	bags	Femmes Patchwork Hnadbags Vintage en cuir véri...	76.29	159.08	52	90
10752	1340099	SKUA21828	bags	Femmes Vintage Faux Leather Handbags Multi-fun...	47.95	92.39	48	114
11403	1039724	SKU297217	bags	Femmes Crocodile Grain Casual Handbags Ladies ...	20.37	48.04	58	27
12144	1042166	SKU360370	bags	Femmes Hommes Vintage Vintage Casual Toile Bac...	21.59	49.99	57	157

Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 4
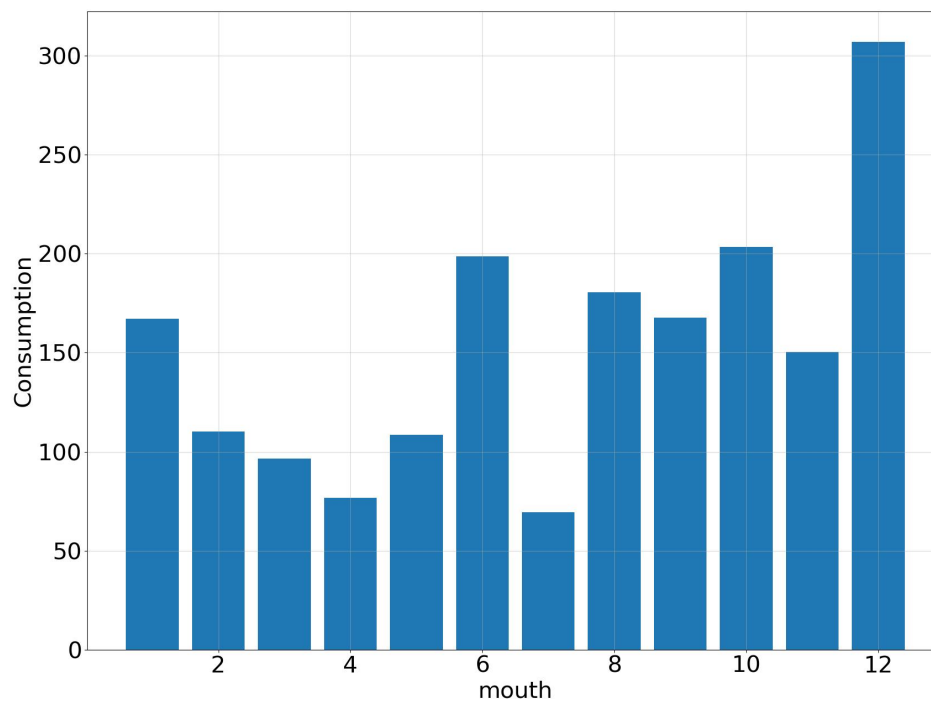
Enter page_number:1

=====Order List =====

Page1/487:

	order_id	user_id	pro_id	order_time
0	u_00000	u_0000000001	961702	09-4-2023_11:12:06

Please enter to continue...5
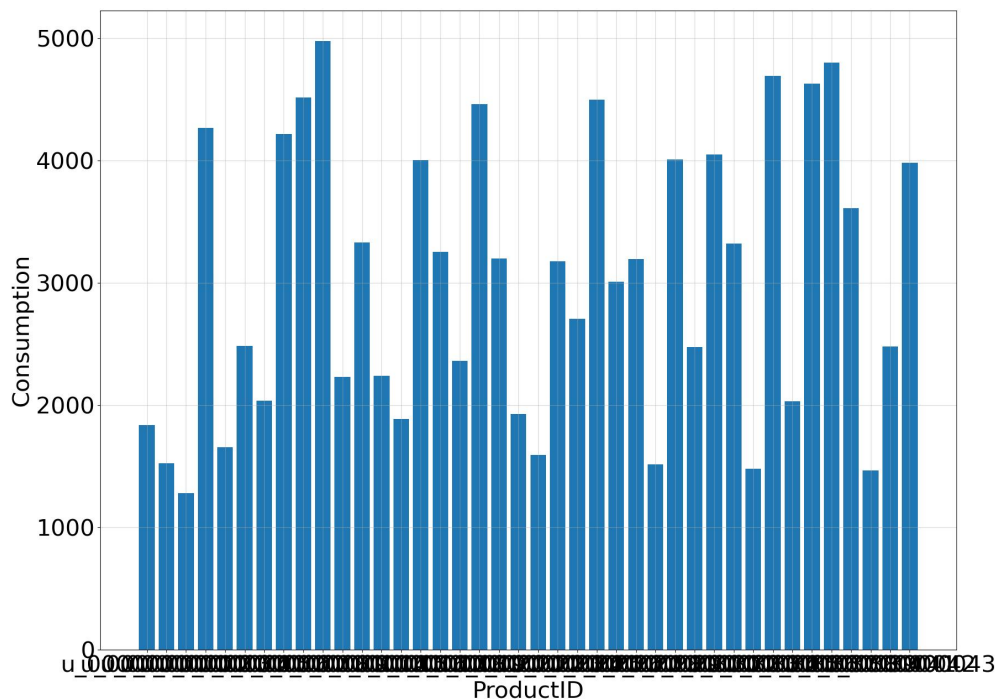
Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6. Generate all consumption figures

Need to wait for 20 seconds, it should be to search all data

7. Get product using product id

Enter your choice: 7

Please enter the product id you want to get: 1690229

	pro_id	pro_model	pro_category	pro_name	pro_current_price	pro_raw_price	pro_discount	pro_likes_count
9	1690229	SKUF19523	accessories	Casquettes de crâne pour hommes à carreaux san...	12.99	25.99	50	71
68	1690229	SKUF19523	accessories	Casquettes de crâne pour hommes à carreaux san...	12.99	25.99	50	71

Please enter to continue...

8.Logout

Enter your choice: 5

Please enter to continue...=====Customer Menu =====

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice:

Please enter to continue...8

Please enter to continue...

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: 8

Logging out...

=====Login Menu ======

1.Login

2.Register

3.Quit

Enter your choice:

three registration

=====Login Menu ======

1.Login

2.Register

3.Quit

Enter your choice: 2

Enter username:usernamewe

Enter password: password123

Enter email: 12345@gmail.com

Enter mobile: 0312345678

Registeration successful. Please login.

=====Login Menu ======

1.Login

2.Register

3.Quit

Enter your choice: 1

===== Login Menu =====

1.Initial account login

2.Login in with exist account

Enter your choice: 2

Enter username: usernamewe

Enter password: password123

Login successful.

=====Customer Menu ======

1.Show profile

2.Update profile

3 Show products

4.Show history orders

5.Generate single customer consumption figure

6.Generate all consumption figures

7.Get product using product id

8.Logout

Enter your choice: