Milestone 2 Test Cases

Customer:

1. customerRegister:

a. *Username*: ahmed.ashraf, *first_name*: ahmed, *last_name*: ashraf, *password*: pass123, *email*: ahmed@yahoo.com

Output:

Table Users + Table Customer

	usemame	first_name	last_name	password	email
1	ahmed.ashraf	ahmed	ashraf	pass 123	ahmed@yahoo.com
	usemame	points			
1	ahmed.ashraf	0			

2. vendorRegister:

a. username: eslam.mahmod, first_name: eslam , last_name: mahmod, password: pass1234, email: hopa@gmail.com , company_name:Market, banck account: 132132513

Output:

Table Users + Table Vendor

usemame	first_name	last_name	pas	ssword	email	
eslam.mahmod	eslam	mahmod	pa	ss1234	hopa@g	gmail.com
usemame	activated	company_na	me	banck	acc_no	admin_usemame
eslam.mahmod	0	Market		13213	2513	NULL
	2					

3. userLogin

a. username: eslam.mahmod , password: pass123
 Output: success → 0

b. username: eslam.mahmod, password: pass1234 $Output: success \rightarrow 1, type \rightarrow 1$

c. username: ahmed.ashraf , password: pass123 Output: success \rightarrow 1 , type \rightarrow 0

d. *username:* ahmed.ashraf , *password*: pass *Output:* success \rightarrow 0 , type \rightarrow -1

4. addMobile:

a. *Username*: ahmed.ashraf *mobile number*: 01111211122b. *Username*: ahmed.ashraf *mobile number*: 0124262652

c. Output:

 mobile_number
 usemame

 0111211122
 ahmed.ashraf

 0124262652
 ahmed.ashraf

5. AddAddress:

- a. Username: ahmed.ashraf address: nasr city
- b. Output:

address	usemame
nasr city	ahmed.ashraf

6. showProducts:

a. Output:

product_name	product_description	price	final_price	color
bag	backbag	100.00	100.00	yellow
blue pen	useful pen	10.00	10.00	blue

7. ShowProductsbyPrice:

a. Output:

product_name	product_description	price	color
blue pen	useful pen	10.00	blue
bag	backbag	100.00	yellow

8. Searchbyname:

a. *Text:* blueb. *Output:*

product_name	product_description	price	final_price	color
blue pen	useful pen	10.00	10.00	blue

9. AddQuestion:

- a. customername:ahmed.ashraf, serial: 1, Question: size?
- b. Output:

serial_no	customer_name	question	answer
1	ahmed.ashraf	size?	NULL

10. addToCart:

- a. customername:ahmed.ashraf, serial: 1
- b. customername: ahmed.ashraf, serial: 2
- c. Output:

serial_no	customer_name
1	ahmed.ashraf
2	ahmed.ashraf

11. removefromCart:

- a. customername:ahmed.ashraf, serial: 2
- b. Output:

serial_no	customer_name
1	ahmed.ashraf

12. Create (a) wish list(s).

- a. *Customername:* ahmed.ashraf, *name:* fashion
- b. Output:



13. AddtoWishlist:

- a. customername: ahmed.ashraf, wishlistname: fashion, serial:1
- b. customername: ahmed.ashraf, wishlistname: fashion, serial:2
- c. Output:

usemame	wish_name	serial_no
ahmed.ashraf	fashion	1
ahmed.ashraf	fashion	2

14. removefromWishlist:

- a. customername: ahmed.ashraf, wishlistname: fashion, serial:1
- b. Output:

usemame	wish_name	serial_no	
ahmed.ashraf	fashion	2	

15. showWishlistProduct:

- a. customername: ahmed.ashraf, wishlistname: fashion
- b. Output:

product_name	product_description	price	final_price	color
blue pen	useful pen	10.00	10.00	blue

16. viewMyCart:

- a. Customer: ahmed.ashraf
- b. Output:

product_name	product_description	price	final_price	color
bag	backbag	100.00	100.00	yellow

Hint: For the part of making an order/ cancelling the order/ returning a product, you can use the Order ID created in your tables.

17. Make Orders:

a. calculatepriceOrder:

It returns the sum of the products in the cart.

i. Customername: ahmed.ashraf

ii. Output: 100.0

b. Productsinorder:

(after creating an order with the customer name and the total amount, you should use the Order ID in table products)

- i. Customername: ahmed.ashraf, orderID: The id of the last inserted order
- ii. Output:

Table product:

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
1	bag	fashion	backbag	100.00	100.00	yellow	0	NULL	hadeel.adel	ahmed.ashraf	3

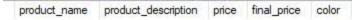
Ammar.yasser cart before and after the order

The products checked out in the order should be removed from other carts:

product_name	product_description	price	final_price	color
bag	backbag	100.00	100.00	yellow
product_name	product_description	price	final_price	color

c. emptyCart:

- i. Customername: ahmed.ashraf
- ii. Output: execute proc view my cart



d. makeOrder:

- i. Customername: ahmed.ashraf
- ii. Output: It should call the previous proc in the same order.



18. cancelOrder:

Hint: You should return the amount of points that was withdrawn if it is valid.

Case 1: The points that were used are still valid

- i. Orderid: 6
- ii. Output:

table order (The record is removed)

order_no total_amount cash_amount credit_amount payment_type order_status remaining_days time_limit customer_name delivery_id creditCard_number order_date

Table products

serial_no pro	oduct_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
1 ba	ag	fashion	backbag	100.00	100.00	yellow	1	NULL	hadeel.adel	NULL	NULL

Table Admincustomergiftcard After cancelling the order

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	100

Table Admincustomergiftcard before cancelling The order

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	95

Table Customer After cancelling the order:

username	points	5
ahmed.ashraf	100	

Table Customer before cancelling The order:

username	points	
ahmed.ashraf	95	

Case 2: The points that were used to pay the order are not valid (It will not return back)

iii. Orderid: 3

iv. Output: table order (The record is removed)

order_no total_amount cash_amount credit_amount payment_type order_status remaining_days time_limit customer_name delivery_id creditCard_number order_date

Table products

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
1	bag	fashion	backbag	100.00	100.00	yellow	1	NULL	hadeel.adel	NULL	NULL

19. returnProduct:

(hint: you should recreate an order if you cancelled the existing order)

- a. serialno: 2, orderid: the id of the order you have created
- b. Output:

Table Order with the information of the order in which the customer will return a product (The order consists of an only product with serialno 2)

Case 1: if the order was not paid partially (using points)

Table Orders before returning the product

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditC	order	GiftCodeUsed
5	10.00	NULL	10.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x000	

Table Orders after returning the product

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remainin	time_li	customer_name	delivery_id	creditC	order_d	GiftCodeU
5	0.00	0.00	10.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x000000	
	Table Pro	ducts Afte	er returning	the prod	uct							
2	blue pen F	ashion useful p	pen 10	.00 10.00	blue 1	NULL	. hadeel.	adel NUL	L	NULL		

<u>Case2: if the order was paid partially(with points)</u>, assuming that ahmed.ashraf was issued giftcard with 100 points and the gift card didnt expire

Table Order with the information of the order in which the customer will return a product (The order consists of an only product with serialno 2 and the Gift Card used)

Table Order before returning:

5.00

0.00

0.00

order_no	total_a	mount ca	ash_amount	credit_amount	payment_type	order_stati	us remainin	time_li	customer_nam	e deliv	ery_id	creditC	order_d	GiftCodeU
5	10.00	0.0	00	5.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL		NULL	0x000000	
「able	order af	fter retu	ırning:											
order_no	total_amount	cash_amount	credit_amount	payment_type	order_status re	emaining_days	time_limit c	ustomer_name	delivery_id (creditC	order	GiftCodeUsed		

NULL

NULL

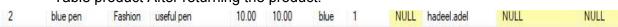
ahmed.ashraf

NULL

0x000... G101

Table product After returning the product:

credit



NULL

NULL

Table Admincustomergiftcard After returning the product:

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	100

Table Admincustomergiftcard before returning the product:

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	95

Table Customer After returning the product::

username	points	
ahmed.ashraf	100	

Table Customer After before the product:

username	points	
ahmed.ashraf	95	

Case3: If the order was paid partially with points and the points have expired, The points are not returned. The same effect in table orders and product in the previous case.

20. **ShowproductsIbought:** (hint: recreate an order)

a. Customername: ahmed.ashraf

b. Output:

serial_no	product_name	category	product_description	price	final_price	color
2	blue pen	Fashion	useful pen	10.00	10.00	blue

21. Rate

- a. serialno:2, rate: 3 , customername: ahmed.ashraf
- b. Output:

serial_no	product_name	category	product_description	price	final_price	color	available	rate	9
2	blue pen	Fashion	useful pen	10.00	10.00	blue	0	3	

22. : SpecifyAmount

The Customer can pay partially by 2 ways:

- 1. Credit + Points
- 2. Cash + points

He should enter the amount he is willing to pay with credit/cash and the rest is withdrawn automatically from existing points.

Case 1: without using points

- a. customername: ahmed.ashraf, orderID: 5, cash:null, credit: 10
- b. Output: Table order

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditC	order	GiftCodeUsed
5	10.00	NULL	10.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x000	

Case 2: Using points from gift card

- c. customername: ahmed.ashraf, orderID: 6, cash:5, credit: null/0
- d. *Output*: hint : He is issued Giftcard of 100 Points.

Table orders: (the code of the gift card is added)

	M COUNTY AND A											
6	10.00	5.00	0.00	cash	NULL	7	NULL	ahmed.ashraf	1	4444-5555-6666-8888	0x000000000000273A	G101

Table Admincustomergiftcard before The order

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	100

Table Admincustomergiftcard After The order

code	customer_name	admin_userna	remaining_poi
G101	ahmed.ashraf	hana.aly	95

Table Customer before the order:

username	points	
ahmed.ashraf	100	

Table Customer After the order:

username	points	
ahmed.ashraf	95	

23. AddcreditCard:

a. Number: 4444-5555-6666-8888 , expirydate: 10/19/2028,cvv:232

b. Ouput:

number	expiry_date	cvv_code
4444-5555-6666-8888	2028-10-19	232

24. ChooseCreditCard

a. creditcard : orderid: 6b. Output: update orders

- 0. 4/0											
6	10.00	5.00	0.00	NULL	NULL	NULL	NULL	ahmed.ashraf	NULL	4444-5555-6666-8888	0x000000000000271E

25. vewDeliveryTypes

a. Output:

Туре	Duartion in days	fees	
pick-up	7	10	
regular	14	30	
speedy	1	50	

26. Specifydeliverytype

a. orderID: 6, deliveryID: 1

b. Output:

Table Orders: delivery ID and The remaining days are updated

6 10.00 5.00 0.00 NULL NULL 7 NULL ahmed.ashraf 1 4444-5555-6666-8888 0x000000000000

27. trackRemainingDays:

(it should calculate the remaining day and view it)

- a. Orderid: 6, customername: ahmed.ashraf
- b. output:7

28. Recommend

a. Customername: ahmed.ashraf

b. Output:

This part we assumes that no orders were made and the products are available

Ammar.yasser has bag product(serial no1) in his cart

Ahmed.ashraf also has product(serial no1) in his cart

Therefore, Ammar.yasser is considered a common user so we should recommend products from his wishlist



Ahmed.ashraf adds products of fashion category in his cart, Therefore we should recommend wished products of fashion category (from any customer)

serial_no	product_name	category	product_description	price	final_price	color	9
2	blue pen	Fashion	useful pen	10.00	10.00	blue	

The output should be the union of the 2 cases.

Vendor

- 1. Post products on the system.
 - a. *vendorUsername*: eslam.mahmod, *product_name*: pencil, *category*: stationary, *product_description*:HB0.7, *price*:10, *color*:red
 - b. Output:

The record of the pencil is added

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
1	bag	fashion	backbag	100.00	100.00	yellow	1	NULL	hadeel.adel	NULL	NULL
2	blue pen	Fashion	useful pen	10.00	10.00	blue	1	3	hadeel.adel	NULL	NULL
3	blue pen	Fashion	useful pen	10.00	10.00	blue	0	NULL	hadeel.adel	NULL	NULL
4	pencil	stationary	HB0.7	10.00	10.00	red	1	NULL	eslam.mahmod	NULL	NULL

2. View the products I posted on the system.

- a. Vendorname: eslam.mahmod
- b. Output:

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
4	pencil	stationary	HB0.7	10.00	10.00	red	1	NULL	eslam.mahmod	NULL	NULL

3. Edit products I posted on the system.

- a. Vendorname: eslam.mahmod, serialnumber:4, color:blue
- b. Output:

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
4	pencil	stationary	HB0.7	10.00	10.00	blue	1	NULL	eslam.mahmod	NULL	NULL

4. Delete products I posted on the system

- a. Vendorname: eslam.mahmod, serialnumber:4
- b. Output:

Table product: The pencil record is not available

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_usemame	customer_usemame	customer_order_id
1	bag	fashion	backbag	100.00	100.00	yellow	1	NULL	hadeel.adel	NULL	NULL
2	blue pen	Fashion	useful pen	10.00	10.00	blue	0	3	hadeel.adel	NULL	6
3	blue pen	Fashion	useful pen	10.00	10.00	blue	0	NULL	hadeel.adel	NULL	NULL

When executing view my products after deletion

serial_no product_name category product_description price final_price color available rate vendor_username customer_username customer_order_id

5. View questions related to my products on the system

- a. Vendor name: hadeel.adel
- b. Output

serial	no	customer_name	question	answer	
. 1		ahmed.ashraf	size?	NULL	

6. Answer questions related to my products on the system.

- a. Vendorname: hadeel.adel, serialno:1, customername: ahmed.ashraf, answer: 40
- b. Output: The answer attrbuite is updated

senai_no cu	istomer_name	product_name	Question	answer
1 al	hmed.ashraf	bag	size?	40

7. create offers on products I posted (one at a time) and update the product's final price accordingly

- a. addOffer:
 - i. Offeramount: 50, expiry _date:11/10/2019
 - ii. Output: Table Offers

offer_amount	expiry_date
50	11/10/2019 12:00:00 AM

b. applyOffer:

Case 1: The product has no active offer (Also, the offer must be not expired)

- i. Vendorname: hadeel.adel, offerid: 3 (The ID of the offer we created in no.7), serial:1
- ii. Output:

Table products (the final price is updated)



Table offeronproduct

offer_id	serial_no
3	1

Case 2: The product has active offer

- 1. *Vendorname*: hadeel.adel, *offerid:* 3 (The ID of the offer we created in no.7), *serial*:1
- 2. *Output*: The product has an active offer

c. checkandremoveExpiredoffer

- i. Offerid: 3
- ii. Output:

Table products: (the final price is updated)

serial_no	product_name	category	product_descri	price	final_price	color	available	rate	vendor_userna	customer_user
1	bag	fashion	backbag	100.00	100.00	yellow	True	NULL	hadeel.adel	NULL

Table offers on product:(The record is removed)

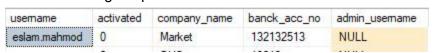
offer_id	serial_no	issue_date	
NULL	NULL	NULL	

Table offer: (the offer is removed)

offer_id	offer_amount	expiry_date

Admin

- a) activateVendors:
 - admin_username: hana.aly , vendor_username: eslam.mahmod
 - Output: Table Vendor
 Before executing the procedure:



After executing the procedure:



- b) inviteDeliveryPerson:
 - delivery_username: mohamed.tamer , delivery_email: moha@gmail.com
 - Output: Table Users + Table Delivery_Person



- c) reviewOrders:
 - Output: Table Orders**Whatever products in the database should be dispalyed**



d) updateOrderStatusInProcess:

- Order_no:2 (or whatever order number you created)
- Output: Table Orders



- e) addDelivery:
 - delivery_type: pick-up, time_duration: 7, fees: 10, admin_username: hana.aly
 - Output: Table Delivery



- f) assignOrdertoDelivery:
 - delivery_username: , order_no: , admin_username:
 - Output: Table Admin_Delivery_Order



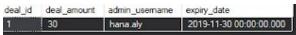
- g) 1) createTodaysDeal:
 - -deal_amount: 30 , admin_username: hana.aly , expiry_date: 2019/11/30
 - Output: Table Todays_Deals



- 2) addTodaysDealOnProduct:
 - deal_id = 1, serial_no: 2
 - Output: table Todays_Deals_Product



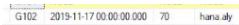
- 3) checkTodaysDealOnProduct:
 - serial_no: 2
 - Output:1
- 4) removeExpiredDeal:
 - deal_iD: 1
 - Output: Table Todays Deals



- h) createGiftCard:
 - code: G101, ,expiry_date: 2019/12/30, amount: 100, admin_username: hana.aly
 - Output: Table Giftcard



- createGiftCard::
 - code: G102, ,expiry date: 2019/11/17, amount: 100, admin username: hana.aly
 - Output: Table Giftcard



- i) Give Gift Cards to special customers:
- giveGiftCardtoCustomer:
 - code: G101, customer_name: ahmed.ashraf, admin_username: hana.aly
 - Output: Tables Admin_Customer_Giftcard , Customer (points)



- giveGiftCardtoCustomer:
 - code: G102, customer_name: ahmed.ashraf, admin_username: hana.aly
 - Output: Tables Admin_Customer_Giftcard , Customer (points)

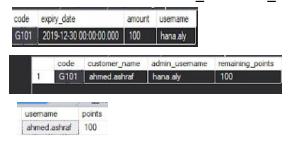


- removeExpiredGiftCard:
 - code:G101 (a valid Giftcard)

output: Table Giftcard



- removeExpiredGiftCard:
 - code:G1012 (an expired Giftcard Giftcard)
 output: Table Giftcard & Table Admin_Customer_Giftcard , Customer (points)



- checkGiftCardOnCustomer:

Code:G101 Output: 1

- checkGiftCardOnCustomer:

Code:G102 Output: 0

Delivery Personnel

1) Accept the admin invitation

- a) delivery_username : mohamed.tamer
- b) Output:

Table Delivery_Person the is_activated value is changed



2) Add additional credentials to the system other than the username (password.. etc.)

- a) *username*: mohamed.tamer, first_name:mohamed ,last_name: tamer, password: pass16, email:mohamed.tamer@quc.edu.eq
- b) Output:

Table Users should be updated and the new credentials added

	usemame	first_name	last_name	password	email
1	mohamed.tamer	mohamed	tamer	pass16	mohamed.tamer@guc.edu.eg

3) View all the orders I am assigned to

i.deliveryperson: mohamed.tamer

ii.output:

It outputs the details of the order I am assigned to

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditCard_number	order_date	GiftCodeUsed
5	0.00	0.00	5.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x0000000000002754	

4) Specify a delivery window for each customer order

- a) delivery_username: mohamed.tamer, order_no: 1, delivery_window: Today between 10 am and 3 pm
- b) Output:

Table Admins_Delivery_Order updated

	delivery_usemame	order_no	admin_usemame	delivery_window
1	Mohamed.Tamer	2	hana.aly	Today between 10 am and 3 pm

5) Update the status of an order when it's out for delivery

- a) order_no: 2
- b) Output:

Table Order Updated



5)Update the status of an order when it gets delivered.

- a) order_no: 2
- b) Output:

Table Order Updated

