

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

	username	first_name	last_name	password	email
1	ahmed.ashraf	ahmed	ashraf	pass123	ahmed@yahoo.com

	username	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

username	first_name	last_name	password	email
eslam.mahmod	eslam	mahmod	pass1234	hopa@gmail.com

username	activated	company_name	banck_acc_no	admin_username
eslam.mahmod	0	Market	132132513	NULL

3. userLogin

- a. *username:* eslam.mahmod, *password:* pass123
Output: success → 0
- b. *username:* eslam.mahmod, *password:* pass1234
Output: success → 1, type → 1
- c. *username:* ahmed.ashraf, *password:* pass123
Output: success → 1, type → 0
- d. *username:* ahmed.ashraf, *password:* pass
Output: success → 0, type → -1

4. addMobile:

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

mobile_number	username
01111211122	ahmed.ashraf
0124262652	ahmed.ashraf

5. AddAddress:

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

address	username
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:* blue

b. *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*:

username	name
ahmed.ashraf	fashion

13. AddtoWishlist :

a. *customername* :ahmed.ashraf, *wishlistname*: fashion, *serial*:1

b. *customername* :ahmed.ashraf, *wishlistname*: fashion, *serial*:2

c. *Output* :

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

14. removefromWishlist:

a. *customername* :ahmed.ashraf, *wishlistname*: fashion, *serial*:1

b. *Output*:

username	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_username	customer_username	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
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c. emptyCart:

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

product_name	product_description	price	final_price	color
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d. makeOrder:

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

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditCard_number	order_date
3	100.00	NULL	NULL	NULL	not processed	NULL	NULL	ahmed.ashraf	NULL	NULL	0x0000000000002717

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
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Table products

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_username	customer_username	customer_order_id
1	bag	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
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
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Table products

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_username	customer_username	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 Products After returning the product

2	blue pen	Fashion	useful pen	10.00	10.00	blue	1	NULL	hadeel.adel	NULL	NULL	
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Case2 : if the order was paid partially(with points) . 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:

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remainin...	time_li...	customer_name	delivery_id	creditC...	order_d...	GiftCodeU...
5	10.00	0.00	5.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x000000...	

Table order after returning:

order_no	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditC...	order...	GiftCodeUsed
5	0.00	0.00	5.00	credit	NULL	NULL	NULL	ahmed.ashraf	NULL	NULL	0x000...	G101

Table product After returning the product:

2	blue pen	Fashion	useful pen	10.00	10.00	blue	1	NULL	hadeel.adel	NULL	NULL	
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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. Showproductsbought: (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
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)

6	10.00	5.00	0.00	cash	NULL	7	NULL	ahmed.ashraf	1	4444-5555-6666-8888	0x000000000000273A	G101
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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:

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

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

24. ChooseCreditCard

- creditcard : orderid: 6
- Output: update orders

6	10.00	5.00	0.00	NULL	NULL	NULL	NULL	ahmed.ashraf	NULL	4444-5555-6666-8888	0x000000000000271E
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25. viewDeliveryTypes

- Output:

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

26. Specifydeliverytype

- orderId: 6, deliveryID : 1
- 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
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27. trackRemainingDays:

(it should calculate the remaining day and view it)

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

28. Recommend

- Customername: ahmed.ashraf
- 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

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

serial_no	product_name	category	product_description	price	final_price	color
4	pencil	stationary	HB0.7	10.00	10.00	red

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
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_username	customer_username	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_username	customer_username	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_username	customer_username	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_username	customer_username	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
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5. View questions related to my products on the system

- Vendor name: hadeel.adel
- Output

serial_no	customer_name	question	answer
1	ahmed.ashraf	size?	NULL

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

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

serial_no	customer_name	product_name	Question	answer
1	ahmed.ashraf	bag	size?	40

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

- addOffer:
 - Offeramount: 50, expiry_date:11/10/2019
 - 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)

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

Table products (the final price is updated)

serial_no	product_name	category	product_description	price	final_price	color	available	rate	vendor_username	customer_username	customer_order_id
1	bag	fashion	backbag	100.00	50.00	yellow	1	NULL	hadeel.adel	NULL	NULL

Table offeronproduct

offer_id	serial_no
3	1

Case 2 : The product has active offer

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

username	activated	company_name	banck_acc_no	admin_username
eslam.mahmod	0	Market	132132513	NULL

After executing the procedure:

	username	activated	company_name	banck_acc_no	admin_username
1	eslam.mahmod	1	Market	132132513	hana.aly

b) inviteDeliveryPerson:

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

mohamed.tamer	NULL	NULL	NULL	moha@gmail.com
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is_activated	username
0	mohamed.tamer

c) reviewOrders:

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

order_no	order_date	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_left	customer_name	delivery_id	creditCard_number	GiftCodeUsed
1	2	0000000000000702	NULL	NULL	NULL	Not Processed	NULL	NULL	ahmed.ahraf	NULL	NULL	NULL

d) updateOrderStatusInProcess:

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

	order_no	order_date	total_amount	cash_amount	credit_amount	payment_type	order_status	remaining_days	time_limit	customer_name	delivery_id	creditCard_number	GiftCodeUsed
1	2	0x000000000000007D3	NULL	NULL	NULL	NULL	In process	NULL	NULL	ahmed.ashraf	NULL	NULL	NULL

e) addDelivery:

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

id	delivery_type	time_duration	fees	username
1	pick-up	7	10.000	hana.aly

f) assignOrdertoDelivery:

- delivery_username: , order_no: , admin_username:
- Output: Table Admin_Delivery_Order

	delivery_username	order_no	admin_username	delivery_window
1	mohamed.tamer	2	hana.aly	NULL

g) 1) createTodaysDeal:

-deal_amount: 30 , admin_username: hana.aly , expiry_date: 2019/11/30

- Output: Table Todays_Deals

deal_id	deal_amount	admin_username	expiry_date
1	30	hana.aly	2019-11-30 00:00:00.000

2) addTodaysDealOnProduct:

- deal_id = 1 , serial_no: 2

- Output: table Todays_Deals_Product

	deal_id	serial_no
1	1	2

3) checkTodaysDealOnProduct:

- serial_no: 2

- Output:1

4) removeExpiredDeal:

- deal_id: 1

- Output: Table Todays_Deals

deal_id	deal_amount	admin_username	expiry_date
1	30	hana.aly	2019-11-30 00:00:00.000

h) createGiftCard:

- code: G101 , expiry_date: 2019/12/30 , amount: 100 , admin_username: hana.aly

- Output: Table Giftcard

code	expiry_date	amount	username
G101	2019-12-30 00:00:00.000	100	hana.aly

- createGiftCard::
 - code: G102 , expiry_date: 2019/11/17 , amount: 100 , admin_username: hana.aly
 - Output: Table Giftcard

G102	2019-11-17 00:00:00.000	70	hana.aly
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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)

	code	customer_name	admin_username	remaining_points
1	G101	ahmed.ashraf	hana.aly	100

username	points
ahmed.ashraf	100

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

	code	customer_name	admin_username	remaining_points
1	G101	ahmed.ashraf	hana.aly	100
2	G102	ahmed.ashraf	hana.aly	70

username	points
ahmed.ashraf	170

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

code	expiry_date	amount	username
G101	2019-12-30 00:00:00.000	100	hana.aly

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

code	expiry_date	amount	username
G101	2019-12-30 00:00:00.000	100	hana.aly

	code	customer_name	admin_username	remaining_points
1	G101	ahmed.ashraf	hana.aly	100

username	points
ahmed.ashraf	100

- checkGiftCardOnCustomer:
Code:G101
Output: 1
- checkGiftCardOnCustomer:
Code:G102
Output: 0

Delivery Personnel

1) Accept the admin invitation

- delivery_username* : mohamed.tamer
- Output:*

Table Delivery_Person the is_activated value is changed

	is_activated	username
1	1	mohamed.tamer

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

- username* : mohamed.tamer, *first_name*:mohamed ,*last_name*: tamer, *password*: pass16, *email*:mohamed.tamer@guc.edu.eg
- Output:*

Table Users should be updated and the new credentials added

	username	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

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

Table Admins_Delivery_Order updated

	delivery_username	order_no	admin_username	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

	order_no	order_status
1	2	Out for delivery

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

a) order_no: 2

b) Output:

Table Order Updated

	order_no	order_status
1	2	Delivered