

Use Case Test

Use case name: buy wine

Actors: Customer

Pre-condition:

- 1) The server must be on.
- 2) The system must be connected to the network.
- 3) Customer must have to be already registered.
- 4) The number of bottles required must be less or equals than those available.
- 5) The wine sought must be present in the system.

Use case for 'Buy wine':

Main Scenario	Serial Number	Steps
A: Actor S: System	1	Select customer radio button
	2	Enter customer e-mail
	3	System validates customer e-mail
	4	Enter customer password
	5	System validates customer password
	6	System shows customer dashboard
	7	Search wine
	8	Buy wine
	9	Insert credit card details
	10	The system shows the result of the operation
Extension	2a	Invalid e-mail S: Shows an error message
Extension	4a	Invalid password S: Shows an error message
Extension	7a	Click on search button without entering data in fields S: Shows an error message
Extension	7b	Enter an invalid year S: Shows an error message
Extension	8a	Enter an invalid number of bottles S: Shows an error message
Extension	8b	Enter number of bottles greater than those available S: Show a screen to subscribe to an availability notification
Extension	8c	Click on buy button without selecting a row S: Shows an error message
Extension	8d	Click on buy button without entering number of bottles S: Shows an error message

Test cases	Steps	Expected result
A	Buy wine – Normal Flow	
1	Select customer radio button	System displays the login screen
2	Enter customer e-mail	User can enter Customer e-mail
3	Enter customer password	User can enter Customer password
4	Click on Login button	System displays Customer Dashboard
5	Enter all or some fields	User can enter wine name, wine producer, wine year
6	Click on Search button	System displays into the table the results of the search
7	Select a row of the table	User can select a row of the table
8	Enter number of bottles	User can enter the number of bottles desired
9	Click on Buy button	System displays a payment screen
10	Enter credit card details	User can enter the credit card number
11	Click on Ok button	System displays the result of the operation
B	Buy wine – Alternative normal flow	
1	Repeat steps from 1 to 4 of Buy wine – Normal Flow	
2	Click on View all button	System displays all wines contained into the store
3	Repeat steps from 7 to 11 of Buy wine – Normal Flow	
C	Buy wine – Invalid e-mail	
1	Repeat step 1 of Buy wine – Normal Flow	
2	Enter invalid e-mail	
3	Click on Login button	System displays error message
D	Buy wine – Invalid password	
1	Repeat steps from 1 to 2 of Buy wine – Normal Flow	
2	Enter invalid password	
3	Click on Login button	System displays error message
E	Buy wine – Click on search button without entering data in fields	
1	Repeat steps from 1 to 4 of Buy wine – Normal Flow	
2	Click on search button	System displays error message
F	Buy wine – Enter an invalid year	
1	Repeat steps from 1 to 4 of Buy wine – Normal Flow	
2	Enter invalid wine year (and/or name, producer)	
3	Click on search button	System displays error message

G	Buy wine – Invalid number of bottles	
1	Repeat steps from 1 to 7 of Buy wine – Normal Flow	
2	Enter invalid number of bottles	
3	Click on buy button	System displays error message
H	Buy wine – Number of bottles greater than those available	
1	Repeat steps from 1 to 7 of Buy wine – Normal Flow	
2	Enter number of bottles greater than those available	
3	Click on buy button	System displays a screen to subscribe to an availability notification
I	Buy wine – Click on buy button without selecting a row	
1	Repeat steps from 1 to 6 of Buy wine – Normal Flow	
2	Click on buy button	System displays error message
L	Buy wine – Click on buy button without entering number of bottles	
1	Repeat steps from 1 to 7 of Buy wine – Normal Flow	
2	Click on buy button	System displays error message