

**Use case name:** Buy wine's bottles by an already subscribed customer.

**Actors:** Customer, System

**Pre-Conditions:**

1. The server must run on the same client's port.
2. The customer "Pietro Bianchi" is already subscribed, with email [pb@gmail.com](mailto:pb@gmail.com) and password "pb".
3. The wine "Marcello" produced by "Ariola" is stored in the system.
4. There are 30 bottles of Marcello in the system.
5. No wine named "Lambrusco" is stored in the system.
6. The wines "Bolla" by "Bardolino" and "Chianti" by "Ruffino" are produced in 2019.
7. No wine produced in 2000 is stored in the system.
8. The wine "Chianti" produced by "Cecchi" is stored in the system.
9. There are 20 bottles of "Chianti" in the system.
10. The wine "Otello" produced by "Ceci" is stored in the system.
11. There are 0 bottles of "Otello" in the system.

TEST CASE ID	TEST SCENARIO	TEST STEPS	TEST DATA	EXPECTED RESULTS	ACTUAL RESULTS	PASS/FAIL
1	Check customer login with valid data	<ol style="list-style-type: none"><li>1. Press Login</li><li>2. Enter Email</li><li>3. Enter password</li><li>4. Choose user's type</li><li>5. Click Login</li></ol>	Email = <a href="mailto:pb@gmail.com">pb@gmail.com</a> Password = pb User = Customer	Customer should login into WineHouse	As expected	Pass
2	Check customer login with invalid email	<ol style="list-style-type: none"><li>1. Press Login</li><li>2. Enter Email</li><li>3. Enter password</li><li>4. Choose user's type</li><li>5. Click Login/Press enter</li></ol>	Email = <a href="mailto:pr@gmail.com">pr@gmail.com</a> Password = pb User = Customer	System should show "Not Subscribed" message	As expected	Pass

3	Check customer login with invalid Password	<ol style="list-style-type: none"> <li>1. Press Login</li> <li>2. Enter Email</li> <li>3. Enter password</li> <li>4. Choose user's type</li> <li>5. Click Login/Press enter</li> </ol>	Email = <a href="mailto:pb@gmail.com">pb@gmail.com</a> Password = pr User = Customer	System should show "Invalid email/password" message	As expected	Pass
4	Check customer login with invalid user's type	<ol style="list-style-type: none"> <li>1. Press Login</li> <li>2. Enter Email</li> <li>3. Enter password</li> <li>4. Choose user's type</li> <li>5. Click Login/Press enter</li> </ol>	Email = <a href="mailto:pb@gmail.com">pb@gmail.com</a> Password = pb User = Admin/Employee	System should show "Not an admin/employee" message	As expected	Pass
5	Check customer login with invalid email and Password	<ol style="list-style-type: none"> <li>1. Press Login</li> <li>2. Click Login/Press enter</li> </ol>	Email = empty string Password= empty string User =whatever	System should show "Enter email and password"	As expected	Pass
6	Search for a Wine by name that's stored into WineHouse	<ol style="list-style-type: none"> <li>1. Select Name from the radio button</li> <li>2. Type wine's name</li> <li>3. Click search/Press enter</li> </ol>	Name = Marcello	System should display wine "Marcello" produced by Ariola	As expected	Pass
7	Search for a Wine by name that's not stored into WineHouse	<ol style="list-style-type: none"> <li>1. Select Name from the radio button</li> <li>2. Type wine's name</li> <li>3. Click search/Press enter</li> </ol>	Name = Lambrusco	System should display an empty table	As expected	Pass
8	Search for a Wine by year that's stored into WineHouse	<ol style="list-style-type: none"> <li>1. Select Year from the radio button</li> <li>2. Type wine's year</li> <li>3. Click search/Press enter</li> </ol>	Year = 2019	System should display two wines: Bolla produced by Bardolino and Chianti produced by Ruffino	As expected	Pass
9	Search for a Wine by year that's not stored into WineHouse	<ol style="list-style-type: none"> <li>1. Select year from the radio button</li> <li>2. Type wine's year</li> <li>3. Click search/Press enter</li> </ol>	Year = 2000	System should display an empty table	As expected	Pass

10	Buy a Wine with valid data	<ol style="list-style-type: none"> <li>1. Select Wine in the table</li> <li>2. Choose number of bottles</li> <li>3. Click Buy button</li> <li>4. Click Buy button in pop-up</li> </ol>	Wine = Chianti Number= 20	System should display "20 bottles of Chianti selected. Do you want to proceed?"	As expected	Pass
11	Buy a Wine with invalid data	<ol style="list-style-type: none"> <li>1. Click Buy button</li> </ol>	Wine = no selection Number = empty string	System should display "Choose wine"	As expected	Pass
12	Buy a Wine with invalid number of bottles	<ol style="list-style-type: none"> <li>1. Select Wine in the table</li> <li>2. Click Buy button</li> </ol>	Wine =Chianti Number = string/empty string/large number	System should display "Insert valid number"	As expected	Pass
13	Buy a Wine with invalid Wine	<ol style="list-style-type: none"> <li>1. Insert number</li> <li>2. Click Buy button</li> </ol>	Wine = no selection Number = 20	System should display "Choose Wine"	As expected	Pass
14	Buy a Wine with not enough bottles	<ol style="list-style-type: none"> <li>1. Select Wine in the table</li> <li>2. Choose number of bottles</li> <li>3. Click Buy button</li> <li>4. Click Buy button in pop-up</li> <li>5. Click Notify me button in pop-up (optional)</li> </ol>	Wine = Marcello Number = 40	System should display "Only 30 bottles of 40 of Marcello selected. Do you want to proceed?" and "You will receive a notification when Marcello is restocked" if Notify me button is clicked	As expected	Pass
15	Buy a Wine out of stock	<ol style="list-style-type: none"> <li>1. Select Wine in the table</li> <li>2. Choose number of wine</li> <li>3. ClickBuy button</li> <li>4. Click Notify me button in pop-up (optional)</li> </ol>	Wine = Otello Number =3	System should display "Otello out of stock" and "You will receive a notification when Otello is restocked" if Notify me button is clicked	As expected	Pass

