**Test Cases for Cosmetic Market System**

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| **ID** | **Use Case** | **Function being Tested** | **Initial System State** | **Input** | **Expected Output** |
| 1 | Ordering Cycle | Receive the order. | Customer is logged in. | Valid brand name. | The products are shown related to the valid brand name. |
| 2 | Ordering Cycle | Receive the order. | Customer is logged in. | Invalid brand name.  ( Must be string type or exists in the system) | Warning message:  “Invalid brand name.” |
| 3 | Ordering Cycle | Receive the order. | Customer is logged in. | Pcs of products are enough. | Products are allocated successfully for the customer. |
| 4 | Ordering Cycle | Receive the order. | Customer is logged in. | Pcs of products are not enough. | Warning message:  “Products are consumed.” |
| 5 | Ordering Cycle | Compute total. | Customer is logged in. | Total amount. | Receipt is generated. |
| 6 | Ordering Cycle | Payment | Customer logged in. | Valid credit card number. | Payment is continued successfully. |
| 7 | Ordering Cycle | Payment | Customer logged in. | Invalid credit card number. | Error message:  “Invalid credit card number.” |
| 8 | Ordering Cycle | Payment | Customer logged in. | Valid expiration date. | Payment is continued successfully. |
| 9 | Ordering Cycle | Payment | Customer logged in. | Invalid expiration date. | Error message:  “Invalid expiration date.” |
| 10 | Ordering Cycle | Payment | Customer logged in. | Valid security number. | Payment is continued successfully. |
| 11 | Ordering Cycle | Payment | Customer logged in. | Invalid security number. | Error message:  “Invalid security number.” |
| 12 | Ordering Cycle | Payment | Customer logged in. | Credit card limit is enough. | Payment is continued successfully. |
| 13 | Ordering Cycle | Payment | Customer logged in. | Credit card limit is not enough. | Error message:  “Insufficient balance.” |
| 14 | Ordering Cycle | Confirm | Customer logged in. | Customer confirms the order. | Message:  “The order is confirmed.” |
| 15 | Ordering Cycle | Confirm | Customer logged in. | Customer does not confirm the order. | Warning message:  “The order can not be received.” |
| 14 | Login Customer | Customer logins | Customer is registered | Valid e-mail and password | Login is successful. Message: “You logged in.” |
| 15 | Login Customer | Customer logins | Customer is registered | Unregistered e-mail | Error message: “E-mail doesn’t exist in the system.” |
| 16 | Login Customer | Customer logins | Customer is registered | Invalid password | Error message: “Wrong password.” |
| 17 | Register Customer | Register information | Customer must have an e-mail address | Valid information | Customer is registered successfully. |
| 18 | Register Customer | Register information | Customer must have an e-mail address | Already exists e-mail account | Warning message: “There is already an e-mail account!” |
| 19 | Register Customer | Register information | Customer must have an e-mail address | Invalid name and surname | Error message: “Invalid name or surname!” |

**Büşra METİN**