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| **Add to shopping cart** | **1-Name** |
| **Customer OR Guest** | Actor |
| **Customer selects products he intends to buy from the offered ones and adds them to his own cart** | Scenario |
| **Customer wants to reserve some products to buy them.** | Trigger |
| **Customer Logged in** | Precondition |
| **1.view offered products.**  **2.press add to cart button** | Basic Flow |
| **Item added to cart** | Post condition |
| **Product amount zero** | Exception |
| **none** | Alternative Flow |

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| **Update Shopping cart** | **2-Name** |
| **Customer OR Guest** | Actor |
| **Customer could replace some of the products that he already added into cart and could remove them .** | Description |
| **Customer no longer wants to buy the selected items or found better ones.** | Trigger |
| **1.The cart already contains items.**  **2- Customer Logged in** | Precondition |
| **1.open the cart**  **2.press remove button** | Basic Flow |
| **Cart updated** | Post condition |
| **Customer update zero amount or greater than the amount in database** | Exception |
| **Reset the cart** | Alternative Flow |

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| **Search for item** | **3-Name** |
| **Customer OR Guest** | Actor |
| **Customer writes the product name then if it exists he could view it ,otherwise he will get a message to tell him that it doesn't exist.** | Scenario |
| **Customer is looking for a specific product.** | Trigger |
| **1. Customer Logged in** | Precondition |
| **1.write product name into searching bar.**  **2.get searching results.** | Basic Flow |
| **Search result returned to customer** | Post condition |
| **Customer exceed the limit of input** | Exception |
| **none** | Alternative Flow |

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| **Show Items** | **4-Name** |
| **Customer OR Guest** | Actor |
| **Customer could see all the offered products with each one's details.** | Scenario |
| **Customers want to use the App .** | Trigger |
| **1-Customer Logged in** | Precondition |
| **1.open the App.**  **2.view items and contents.** | Basic Flow |
| **Customer show Items** | Post condition |
| **Can’t connected to database** | Exception |
| **none** | Alternative Flow |

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| **Filter items** | **5-Name** |
| **Customer OR Guest** | Actor |
| **Customer could view the products as he wants, according to selecting the category , price , Brand.** | Scenario |
| **Customer wants the offered products to be viewed in specific view.** | Trigger |
| **1. Customer Logged in** | Precondition |
| **1.press filter button.**  **2.select filter criteria.** | Basic Flow |
| **Items shown as he selected** | Post condition |
| **None** | exception |
| **none** | Alternative Flow |

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| **Add item to favorites** | **6-Name** |
| **Customer** | Actor |
| **Customer can save a reference to some items for easy back to them whenever he wants.** | Scenario |
| **Customer is interested in some products.** | Trigger |
| **Customer Logged in** | Precondition |
| **1.log in**  **2.view items**  **3.press favorite button .** | Basic Flow |
| **Item added to favorites list** | Post condition |
| **none** | exception |
| **none** | Alternative Flow |

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| **7-Name** | **Get Invoice** |
| **Actor** | customer |
| **Scenario** | Customer see invoice includes the products he sold with each one's price and total price he should pay. |
| **Trigger** | Customer want to see amount of money he should pay. |
| **Precondition** | 1.Already has an account .  2.have selected items on the cart . |
| **Basic Flow** | 1.log in .  2.add items to cart.  3.open the cart.  4.select the item want to buy .  5.press the button get invoice. |
| **Post condition** | Customer show his invoice |
| **Exception** | Amount that customer ordered greater than amount in database |
| **Alternative Flow** | none |

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| **8-Name** | **Sort items** |
| **Actors** | Customer OR Guest |
| **Scenario** | Customer select some features according to them the products will appear sorted . |
| **Trigger** | Customer wants to facilitate reaching a product. |
| **Precondition** | None |
| **Basic Flow** | 1.select sort items  2.choose the features to sort . |
| **Post condition** | Items sorted |
| **exception** | None |
| **Alternative Flow** | None. |
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| **9-Name** | **Payment method** |
| **Actors** | Customer |
| **Scenario** | Customer choose the way he wants to pay the invoice(money) of his Purchases . |
| **Trigger** | Customer need to pay the invoice |
| **Precondition** | Customer Logged in |
| **Basic Flow** | 1.log in  2.select items to buy it.  3.get the invoice.  4.select the payment method. |
| **Post Condition** | Purchases done |
| **Exception** | 1.credit card was expired  2. Customer didn’t have enough money in his Credit card |
| **Alternative Flow** | None. |

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| **10- Name** | **Add Employee** |
| **Actor** | Admin |
| **Triggered Event** | New Employee joined the team |
| **Scenario** | Create a new account for an Employee |
| **Pre-Condition** | 1-Admin Logged In 2-Employee doesn’t have an account |
| **Flow** | 1. Admin login to the system 2. Admin give him certain authorities 3. Registration is completed 4. Employee has unique ID |
| **Post-Condition** | Employee has an account |
| **Exception Conditions** | 1. Employee doesn’t satisfy a certain criteria 2. If employee already has exiting account |
| **Alternative** | none |

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| **11- Name** | **Add Authorizations** |
| **Actor** | Admin |
| **Triggered Event** | Employee get promoted or demoted |
| **Scenario** | Alter Employee’s authorities |
| **Pre-Condition** | Admin Logged In |
| **Flow** | 1. Admin login to the system 2. Admin get Employee’s ID 3. Admin change Employee’s authorities 4. Changes completed |
| **Post-Condition** | Employee got new authorities |
| **Exception Conditions** | Employee doesn’t exist |

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| **12- Name** | **Delete Employee** |
| **Actor** | Admin |
| **Triggered Event** | Employee get fired or quiet |
| **Scenario** | Deactivate employee’s account |
| **Pre-Condition** | 1-Admin Logged In  2-Employee already exist |
| **Flow** | 1. Admin login to the system 2. Admin get employee’s ID or name 3. Admin deactivate employee from the system 4. Submit changes |
| **Post-Condition** | Employee deactivate from the system |
| **Exception Conditions** | Employee doesn’t exist |

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| **13- Name** | **Update Employee** |
| **Actor** | Admin |
| **Triggered Event** | Employee changed some of his personal information |
| **Scenario** | Change details about the employee |
| **Pre-Condition** | 1. Admin Logged In 2. 2-Employee exist |
| **Flow** | 1. Admin login to the system 2. Admin get employee’s ID or name 3. Admin changes employee’s details 4. Submit changes |
| **Post-Condition** | Employee’s account has been updated |
| **Exception Conditions** | Employee doesn’t exist |

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| **14- Name** | **Forget Password** |
| **Actor** | Admin ,customer,Employee |
| **Scenario** | Change the password |
| **Triggered event** | Forget old password |
| **Precondition** | Have access to his mail that registered by it |
| **Flow** | 1. press on forget password button. 2. enter mail 3. enter the code that has been send 4. enter his new password |
| **Post condition** | Password changed |
| **Exception** | 1.Mail doesn’t send  2.mail doesn’t existing in the database |

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| **15- Name** | **Add product** |
| **Actor** | Employee |
| **Scenario** | Product is add successfully to database and view to customers, they could buy it. |
| **Trigger** | New product need to add in system. |
| **Precondition** | Product does not exist in database. |
| **Basic Flow** | 1. Open Add page 2. Set all attributes of product 3. Check of attributes 4. Add product to database |
| **Post condition** | View this product to customers. |
| **Exception** | 1. product already existing   2.employee didn’t enter valid values attribute |
| **Alternative Flow** | If the employee add exist product system will warn him and ask him to update the exist. |
| **16- Name** | **Update product** |
| **Actor** | Employee |
| **Scenario** | Product is updated in database and customer see the changes attributes |
| **Trigger** | change some details in products. |
| **Precondition** | Product exist in database. |
| **Basic Flow** | 1. click on update from view product. 2. Open update page. 3. View the current values of product’s attributes. 4. Employee set the new values of product’s attributes. 5. Update product in database. |
| **Post condition** | View the updated attributes of product to customers. |
| **Exception** | Product not exist in database |
| **Alternative Flow** | none |

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| **17- Name** | **Delete product** |
| **Actor** | Employee |
| **Scenario** | Product is remove from database and will be not available to any customer. |
| **Trigger** | Not walling to sell the product  or product not available. |
| **Precondition** | Product exist in database. |
| **Basic Flow** | 1. Employee click on delete button from view product. 2. Show warning message to employee. 3. Employee confirm by click “yes”. 4. Delete product from database. |
| **Post condition** | Product don’t view to customer. |
| **Exception** | item not exist in database |
| **Alternative Flow** | none |
| **18- Name** | **Make Offer** |
| **Actor** | Employee |
| **Scenario** | view the item with the offer |
| **Trigger** | Make offer to product to attract the customers. |
| **Precondition** | Product exist in database. |
| **Basic Flow** | 1. Employee click on Make Offer button from view product. 2. Open Make Offer page. 3. View the current Price of product. 4. Employee set the offer percentage and number of days for this offer. |
| **Post condition** | Product will be view to customer with the offer |
| **Exception** | Product not exist in database |
| **Alternative Flow** | none |

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| **19- Name** | **Update Password** |
| **Actor** | Employee |
| **Scenario** | Employee have a new password. |
| **Trigger** | Employee want to change password |
| **Precondition** | Employee must log in to the system |
| **Basic Flow** | 1. Open Update Password page. 2. Enter current password and system check it. 3. Write new password. 4. System update password attribute in database. |
| **Post condition** | Update old password for employee by new one. |
| **Exception** | 1.If the employee enter new password did not take in consideration validation rules 2.Employee forget his old password |
| **Alternative Flow** | should logout then press on forget password button |