Test Plan

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Synthesis Assignment

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Test Cases

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| --- | --- |
| **ID** | TC-01 |
| **UC** | UC-01 |
| **Name** | Creating new Item |
| **Pre-condition** |  |
| **Test Data** | Name: Avocado  Category: fruit  Subcategory: fruit1  Price: 10  Available: Yes  Unit Type: kg  Stock Amount: 1000 |
| **Expected result** | Confirmation that Item was added successfully. |

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| --- | --- |
| **ID** | TC-02 |
| **UC** | UC-01 |
| **Name** | Creating new Item with wrong item information |
| **Pre-condition** |  |
| **Test Data** | Name:  Category: fruit  Subcategory: fruit1  Price: 10  Available: Yes  Unit Type: kg  Stock Amount: 1000 |
| **Expected result** | Error message is displayed: “New Item Name should be between 2 and 20 characters” |

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| --- | --- |
| **ID** | TC-03 |
| **UC** | UC-02 |
| **Name** | Reading all available items in the system |
| **Pre-condition** | Some items are already added to system and are available |
| **Test Data** | Id:  Name:  Category:  Subcategory:  Price:  Available: Yes |
| **Expected result** | List with id, name, category, subcategory, price, unit type, stock amount, availability of all available items in the system |

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| --- | --- |
| **ID** | TC-04 |
| **UC** | UC-03 |
| **Name** | Updating item information |
| **Pre-condition** | Items “Banana” is already present in the system. |
| **Test Data** | Name: Banana  Category: fruit  Subcategory: fruit1  Price: 10  Available: Yes  Unit Type: kg  Stock Amount: 1000 |
| **Expected result** | Confirmation that Item was added successfully “Item updated successfully”. |

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| --- | --- |
| **ID** | TC-05 |
| **UC** | UC-03 |
| **Name** | Updating item with incomplete information |
| **Pre-condition** | Items is already present in the system. |
| **Test Data** | Name:  Category: fruit  Subcategory: fruit1  Price: 10  Available: Yes  Unit Type: kg  Stock Amount: 1000 |
| **Expected result** | Error message is displayed: “New Item Name should be between 2 and 20 characters” |

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| --- | --- |
| **ID** | TC-06 |
| **UC** | UC-04 |
| **Name** | Deleting Item |
| **Pre-condition** | Item “Banana” is already present in the system. |
| **Test Data** | Name: Banana  Category: fruit  Subcategory: fruit1  Price: 10  Available: Yes  Unit Type: kg  Stock Amount: 1000 |
| **Expected result** | Confirmation that Item was deleted successfully “Item deleted successfully”. |

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| --- | --- |
| **ID** | TC-07 |
| **UC** | UC-05 |
| **Name** | Adding item to shopping cart |
| **Pre-condition** | Items is available in the online shop and logged in with an account |
| **Test Data** | Name: apple  Category: fruit  Subcategory: fruit1  Price: 10  Amount: 10 |
| **Expected result** | Page is refreshed and confirmation is shown “Item added to shopping cart”. |

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| --- | --- |
| **ID** | TC-08 |
| **UC** | UC-06 |
| **Name** | Viewing shopping cart |
| **Pre-condition** | 10 Apples in the shopping cart and logged in with an account |
| **Test Data** |  |
| **Expected result** | Shopping cart is shown with 10 apples in it |

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| --- | --- |
| **ID** | TC-09 |
| **UC** | UC-06 |
| **Name** | Viewing empty shopping cart |
| **Pre-condition** | Nothing in the shopping cart and logged in with an account |
| **Test Data** |  |
| **Expected result** | “Nothing in the shopping cart” information is displayed |

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| --- | --- |
| **ID** | TC-10 |
| **UC** | UC-07 |
| **Name** | Deleting item from shopping cart |
| **Pre-condition** | 10 Apples, 5 pears in the shopping cart and logged in with an account |
| **Test Data** |  |
| **Expected result** | Page is refreshed and only 5 pears are in the shopping cart. |

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| --- | --- |
| **ID** | TC-11 |
| **UC** | UC-08 |
| **Name** | Placing an order |
| **Pre-condition** | 10 Apples, 5 pears in the shopping cart and logged in with an account |
| **Test Data** | Payment Method: PayPal  Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Main page is shown with confirmation “Order was placed successfully”. |

|  |  |
| --- | --- |
| **ID** | TC-12 |
| **UC** | UC-08 |
| **Name** | Placing an order with items no longer available in the shop |
| **Pre-condition** | 10 Apples, 5 pears in the shopping cart, 5 pears no longer available to buy in the shop and logged in with an account |
| **Test Data** | Payment Method: PayPal  Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Before completing order information “We don't have some items anymore, your order was adjusted” is shown.  Main page is shown with confirmation “Order was placed successfully”. |

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| --- | --- |
| **ID** | TC-13 |
| **UC** | UC-08 |
| **Name** | Placing an order with incomplete address |
| **Pre-condition** | 10 Apples, 5 pears in the shopping cart and logged in with an  account |
| **Test Data** | Payment Method: iDeal  Country:  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Page is refreshed and message is shown “fill in whole address” |

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| --- | --- |
| **ID** | TC-14 |
| **UC** | UC-09 |
| **Name** | Placing an order with Bonus Card. |
| **Pre-condition** | 10 Apples with discount, 5 pears in the shopping cart and logged in with an account and bonus card |
| **Test Data** | Payment Method: Bank\_Transfer  Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Before completing order information about Apple discount is shown and amount of discount profit is shown.  Main page is shown with confirmation “Order was placed successfully”. |

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| --- | --- |
| **ID** | TC-15 |
| **UC** | UC-10 |
| **Name** | Applying for Bonus Card |
| **Pre-condition** | Actor logged in with an account and does not have bonus card |
| **Test Data** | Bonus Card: Checked |
| **Expected result** | Information is displayed “Now you have bonus card”. |

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| --- | --- |
| **ID** | TC-16 |
| **UC** | UC-11 |
| **Name** | Placing an order with Bonus Card and spending Bonus points |
| **Pre-condition** | 10 Apples with discount, 5 pears in the shopping cart and logged in with an account and bonus card and has more than 400 Bonus Points |
| **Test Data** | Payment Method: PayPal  Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900  Pay with bonus points: 4 Euro |
| **Expected result** | Main page is shown with confirmation “Order was placed successfully”. |

|  |  |
| --- | --- |
| **ID** | TC-17 |
| **UC** | UC-12 |
| **Name** | Viewing orders history. |
| **Pre-condition** | Actor has placed order before and logged in with an account. |
| **Test Data** |  |
| **Expected result** | Order page is shown with information about previous orders. |

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| --- | --- |
| **ID** | TC- |
| **UC** | UC-12 |
| **Name** | Viewing orders history without previous orders |
| **Pre-condition** | Actor is logged in with an account. |
| **Test Data** |  |
| **Expected result** | Order page is shown with information “No previous orders”. |

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| --- | --- |
| **ID** | TC-18 |
| **UC** | UC-13 |
| **Name** | Viewing previous order. |
| **Pre-condition** | Actor is logged in with an account and has made an order with:  10 Apples with discount, 5 pears  Country: Poland  City: Warszawa  Street: Miodowa 22  PostalCode: 43900 |
| **Test Data** |  |
| **Expected result** | Order details are shown listing among others:  10 Apples with discount, 5 pears  Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |

|  |  |
| --- | --- |
| **ID** | TC-19 |
| **UC** | UC-14 |
| **Name** | Register Account with Bonus Card |
| **Pre-condition** | There is no Client with this username and email already registered |
| **Test Data** | Username: James06  First name: James  Last name: Smith  Email: j@mail.com  Password: zaq1  Bonus Card: Yes |
| **Expected result** | Welcoming Page with First Name displayed. |

|  |  |
| --- | --- |
| **ID** | TC-20 |
| **UC** | UC-14 |
| **Name** | Register Account without Bonus Card |
| **Pre-condition** | There is no Client with this username and email already registered |
| **Test Data** | Username: James02  First name: James  Last name: Smith  Email: j@mail.com  Password: zaq1  Bonus Card: No |
| **Expected result** | Welcoming Page with First Name displayed. |

|  |  |
| --- | --- |
| **ID** | TC-21 |
| **UC** | UC-14 |
| **Name** | Register Account with wrong credentials |
| **Pre-condition** | There is Client with this username or email already registered |
| **Test Data** | Username: martin2  First name: martin  Last name: Smith  Email: m@mail.com  Password: zaq1  Bonus Card: Yes |
| **Expected result** | On Register Page “This User already exists” is displayed |

|  |  |
| --- | --- |
| **ID** | TC-22 |
| **UC** | UC-15 |
| **Name** | Login to system |
| **Pre-condition** | Client already has account and is not logged in |
| **Test Data** | Username: jan  Password: asdf |
| **Expected result** | Welcoming Page with First Name jan displayed. |

|  |  |
| --- | --- |
| **ID** | TC-23 |
| **UC** | UC-15 |
| **Name** | Login to system with wrong credentials |
| **Pre-condition** | Client already has account and is not logged in |
| **Test Data** | Username: sth  Password: 123 |
| **Expected result** | On login page “Wrong credentials” information is displayed. |

|  |  |
| --- | --- |
| **ID** | TC-24 |
| **UC** | UC-15 |
| **Name** | Login to system with wrong credentials |
| **Pre-condition** | Client already has account and is not logged in |
| **Test Data** | Username: albert1  Password: bbb |
| **Expected result** | On login page “Wrong credentials” information is displayed. |

|  |  |
| --- | --- |
| **ID** | TC-25 |
| **UC** | UC-16 |
| **Name** | Adding default address. |
| **Pre-condition** | Client already has account and does not have default address |
| **Test Data** | Country: Poland  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Page is refreshed and information “Default address added.” is displayed. |

|  |  |
| --- | --- |
| **ID** | TC-26 |
| **UC** | UC-16 |
| **Name** | Adding new default address. |
| **Pre-condition** | Client already has account and does not have default address |
| **Test Data** | Country: Netherlands  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Page is refreshed and information “Default address changed.” is displayed. |

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| --- | --- |
| **ID** | TC-27 |
| **UC** | UC-16 |
| **Name** | Adding new default address with incomplete data. |
| **Pre-condition** | Client already has account and does not have default address |
| **Test Data** | Country:  City: Warszawa  Street: Miodowa 22  Postal Code: 43900 |
| **Expected result** | Page is refreshed and information “The Country field is required.” is displayed. |

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| --- | --- |
| **ID** | TC-28 |
| **UC** | UC-17 |
| **Name** | Login to item managing system |
| **Pre-condition** | Employee already has account. |
| **Test Data** | Email: e@e  Password: asdf |
| **Expected result** | Managing Application is opened |

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| --- | --- |
| **ID** | TC-28 |
| **UC** | UC-17 |
| **Name** | Login to item managing system with incomplete data |
| **Pre-condition** | Employee already has account. |
| **Test Data** | Email:  Password: asdf |
| **Expected result** | Information “fill in all credentials” is displayed |

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| --- | --- |
| **ID** | TC-28 |
| **UC** | UC-17 |
| **Name** | Login to item managing system with incorrect data |
| **Pre-condition** | Employee already has account. |
| **Test Data** | Email: e33  Password: gh |
| **Expected result** | Information “wrong credentials” is displayed |