**URS SYNTHESIS ASSIGNMENT**

**Date:** 20-12-2022

**Names:** Media Hannan

# Version: 3.0

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# Functional Requirements Desktop app:

|  |  |  |
| --- | --- | --- |
| Number | Case | Importance |
| Fr-1 | Employee Log in | Must |
| Fr-2 | Employee can create products | Must |
| Fr-3 | Employee can delete products | Must |
| Fr-4 | Employee can update products | Must |
| Fr-5 | Employee can view all products | Must |
| Fr-6 | Employee will change the status of the delivery of  order. | Must |
| Fr-7 | Employee log out | Must |
| Fr-8 | Employee can view all orders. | Must |
| Fr-9 | Employee can add new location | Must |
| Fr-10 | Employee can delete location | Must |
| Fr-11 | Employee can edit location | Must |
| Fr-12 | Employee can add employee | could |
| Fr-13 | Employee can view all locations | Must |

Agreements with client:

The major requirement is : Specifying delivery timeslot (Option (FR-03).

The minor requirement is : Status of the order (option (FR-06).

**Desktop app use cases:**

|  |  |  |
| --- | --- | --- |
| number | Reference to case | Use case |
| Me-1 | Fr-1 | Use Case: Logging In  Actor: Employee  Main Success Scenario:   1. Actor types in username () 2. Actor types in password () 3. Actor presses “LogIn” button 4. System sends user to home page   Extensions:       3 a. User inputs a wrong username   1. System shows a message with invalid data. 2. Nothing happens and tries again. 3. Returns to MSS 1.       3 b .User inputs a wrong password                   a.System shows a message with invalid data.                   b.Nothing happens and tries again                   c.Returns to MSS 2. |
| Me-2 | Fr-2 | Use Case: Employee can create products  Actor: Employee  **Main Success Scenario:**          1.User starts on the home page and clicks on the Add products tab.        2.User fills all fields correctly.        3.User presses on the add button to save data.    **Extensions:**       2.User puts invalid data.             a. System shows a message box with more details.             b. end of the use case. |
| Me-3 | Fr-3 | Use Case: Employee can delete products  Actor: Employee  **Main Success Scenario:**        1.User starts on the home page and clicks on products INFO tab.        2.User presses on the left arrow next to a product and presses the delete button .    **Extensions:**       2.User presses on delete before choosing a product .                a.no changes happen .                b. End of the use case. |
| Me-4 | Fr-4 | Use Case: Employee can update product details  Actor: Employee  **Main Success Scenario:**  1. User starts on the home page and clicks on the product INFO tab.  2. The User can click on any product `s details field                    to change the details about that product.  3. The user must click on the edit button to be able to update any field.  4.     User puts valid data in all fields.  Extensions:  2 .user click on edit before choosing a product.                a.no changes happen .                b. End of the use case.  4. user puts invalid data.                a.system shows message for more details.                b. End of the use case. |
| Me-5 | Fr-5 | Use Case: View all products  Actor: employee  Main Success Scenario:   1. User starts on home page 2. The User can click a tab button to view all the products 3. The user scrolls down a list of products 4. He/ she can view the product’s  details   Extensions:        2.No products are on the products page.                 a.Nothing happens and tries again                 b.End of the use case. |
| Me-6 | Fr-7 | Use Case: Employee log out  **Main Success Scenario:**     1. User presses on the x button to log out .   **Extensions:**  **1.a.**Nothing should go wrong.            b. End of the use case. |
| Me-7 | Fr-6 | Use case : Employee will change the status of the delivery of  order.  Actor:employee  **Main Success Scenario:**  1. User starts on the home page and clicks on the Order status tab.  2. The User can click on any order`s details field                    to change the details about that order.  3. user choose one status from a list of radio’s buttons.  4. The user must click on the edit button to be able to update only status field.  5.     User puts valid data in all fields.  Extensions:        2.No orders are on the order page.                 a.Nothing happens and tries again                 b.End of the use case.  4.user click on edit before choosing status.     a.no changes on status.                 b.End of the use case. |
| Me-8 | Fr-8 | Use Case: View all orders  Actor: employee  Main Success Scenario:   1. User starts on home page 2. The User can click a tab button to view all the orders 3. The user scrolls down a list of orders 4. He/ she can view the orders s  details   Extensions:        2.No products are on the products page.                 a.Nothing happens and tries again                 b.End of the use case. |
| Me-9 | Fr-9 | Use case Employee can add new location  **Main Success Scenario:**          1.User starts on the home page and clicks on the Add location tab.        2.User fills all fields correctly.        3.User presses on the add button to save data.    **Extensions:**       2.User puts invalid data.             a. System shows a message box with more details.             b. end of the use case. |
| Me-10 | Fr-10 | Use Case: Employee can delete location  Actor: Employee  **Main Success Scenario:**        1.User starts on the home page and clicks on location INFO tab.        2.User presses on the left arrow next to a location and presses the delete button .    **Extensions:**       2.User presses on delete before choosing a location.                a.no changes happen .                b. End of the use case. |
| Me-11 | Fr-11 | Use Case: Employee can update location details  Actor: Employee  **Main Success Scenario:**  1. User starts on the home page and clicks on the location tab.  2. The User can click on any location `s details field                    to change the details about that location.  3. The user must click on the edit button to be able to update any field.  4.     User puts valid data in all fields.  Extensions:  2 .user click on edit before choosing a product.                a.no changes happen .                b. End of the use case.  4. user puts invalid data.                a.system shows message for more details.                b. End of the use case. |
| Me-12 | Fr-12 | Use case : Employee can add employee  **Main Success Scenario:**          1.User starts on the home page and clicks on the Add employee tab.        2.User fills all fields correctly.        3.User presses on the add button to save data.    **Extensions:**       2.User puts invalid data.             a. System shows a message box with more details.             b. end of the use case. |
| Me-13 | Fr-13 | Use Case: View all locations  Actor: employee  Main Success Scenario:   1. User starts on home page 2. The User can click a tab button to view all the locations 3. The user scrolls down a list of locations 4. He/ she can view the locations   details   Extensions:        2.No products are on the products page.                 a.Nothing happens and tries again                 b.End of the use case. |

# Functional Requirements Web app:

|  |  |  |
| --- | --- | --- |
| Number | Case | Importance |
| Wr-1 | Customer log in | Must |
| Wr-2 | Customer can see all the products he added in cart. | Must |
| Wr-3 | Customer can add available items into the shopping cart | Must |
| Wr-4 | Customer can Specify delivery timeslot. | Must |
| Wr-5 | Customer should be able to track the status of the recently placed orders | Must |
| Wr-6 | Customer is able to filter products by name | Must |
| Wr-7 | Customer log out | Must |
| Wr-8 | Costumer can delete available items from the shopping cart | Must |
| Wr-9 | Customer can place an order. | Must |

**Web app Use cases**

|  |  |  |
| --- | --- | --- |
| number | Reference to use case | Use case |
| Rw-1 | Wr-1 | Use Case: Logging In  Actor: Customer  Main Success Scenario:   1. Actor types in username () 2. Actor types in password () 3. Actor presses “LogIn” button 4. System sends user to home page   Extensions:       3 a. User inputs a wrong username   1. System shows a message with invalid data. 2. Nothing happens and tries again. 3. Returns to MSS 1.       3 b .User inputs a wrong password                   a.System shows a message with invalid data.                   b.Nothing happens and tries again                   c.Returns to MSS 2. |
| Rw-2 | Wr-2 | Use Case: View all cart products  Actor: Costumer  Main Success Scenario:   1. User starts on personal page 2. He/ she presses on view my order link.   Extensions:        2.user press on link before adding any product.                 a.cart product page will be empty.                 b.End of the use case. |
| Rw-3 | Wr-3 | Use case :Costumer can add into the shopping cart  Main Success Scenario:   1. User start from his personal page. 2. User press on add button to add one product. 3. System will show has been added .   Extensions:        2.user press more than once on add button.                 a.more product will be added.                 b.End of the use case. |
| Rw-4 | Wr-8 | Use case :Costumer can delete from the shopping cart  Main Success Scenario:   1. User start from his personal page. 2. User press on delete button to delete one product.   Extensions:  No extension for this case. |
| Rw-5 | Wr-5 | Use case : Customer should be able to track the status of the recently placed orders  Main Success Scenario:   1. User starts on personal page. 2. User press on view my all orders link. 3. He/ she can view only his orders details   Extensions:        2.No orders are on the orders page.                 a.Nothing happens and tries again                 b.End of the use case. |
| Rw-6 | Wr-6 | Use case : Customer filtering products by name  Main Success Scenario:   1. User starts on personal page. 2. User press on search button. 3. He/ she can view products that contains what letters he typed in   Extensions:        2.No orders are on the orders page.   1. Nothing happens and tries again 2. End of the use case. |
| Rw-7 | Wr-4 | Use Case: Customer can Specify delivery timeslot.  Actor :customer  **Main Success Scenario:**   1. User starts from my order page. 2. User press on dropdown input to pick a delivery type. 3. Depending on user picking an form will appear. 4. User fill the form with valid data.   **Extensions:**   1. User leave inputs empty.    1. System will show a message with more details.             b. End of the use case. |
| Rw-8 | Wr-7 | Use Case: Costumer log out  **Main Success Scenario:**   1. User presses on the log out button to log out .   **Extensions:**  **1.a.**Nothing should go wrong.            b. End of the use case. |
| Rw-8 | Wr-9 | Use Case: Costumer place an order.  **Main Success Scenario:**   1. User starts from my order page. 2. User press on send order.   **Extensions:**  2 . user leave delivery form inputs empty.  A . system will show a message to fill the inputs.            b. End of the use case. |

**GUI DESKTOP APP:**

**Employee log in:**

**A picture containing text, businesscard, vector graphics

Description automatically generated**

**Employee adding product page:**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Employee adding employee page:**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Employee managing location page:**

**Graphical user interface

Description automatically generated**

**Employee view products and managing them:**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Employee viewing order to change status:**

**Text, table

Description automatically generated**

**GUI WEB APP :**

**Home page: the slides change automatically.**

**Graphical user interface, website

Description automatically generatedGraphical user interface, website

Description automatically generatedGraphical user interface, website

Description automatically generated**

**Sign up page:**

**Text

Description automatically generated**

**Customer login:**

**Text

Description automatically generated**

**Customer personal page:**

**A picture containing table

Description automatically generated**

**Customer cart page: when empty**

**Graphical user interface, website

Description automatically generated**

**Customer cart page: when full:**

**Table

Description automatically generated**

**Table

Description automatically generated with low confidence**

**Customer all orders page:**

**A picture containing text

Description automatically generated**

**Admin/employee page:**

**Graphical user interface, text

Description automatically generated**

| **version** | **date** | **description** |  |
| --- | --- | --- | --- |
| 1.0 | 28-11-2022 | Creating URS |  |
| 2.0 | 10-12-2022 | Adding requirements , adding new use cases, adding GUI for both web app and desktop,updating version table, |  |
| 3.0 | 20-12-2022 | Adding requirements , version table, adding new use cases, updating GUI for both web app and desktop,updating version table, updating use cases |  |