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| Fontys University of Applied Science |
| Test Plan |
| Synthesis assignment |
| Bogdan Calinescu  Eindhoven, 2022 Final version |

# Functional requirement table

**Sorted by priority**

Must have (M) - Should have (S) - Could have (C) - Won’t have (W)

|  |  |  |
| --- | --- | --- |
| ID | *Name* | *Priority (MoSCoW)* |
| FR-01 | *User can log in* | *M* |
| FR-02 | *User can log out* | *M* |
| FR-03 | *Creating new account* | *M* |
| FR-04 | *Employee can create products* | *M* |
| FR-05 | *Employee can update product information* | *M* |
| FR-06 | *User can buy products* | *M* |
| FR-07 | *User can place an order* | *M* |
| FR-8 | User can use the bonus card points | *m* |
|  |  |  |

# Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *ID* | *Name* | *Pre-condition* | *Test Data* | *Expected Result* | *Passed* |
| **Application** | | | | |  |
| TC-01 | Logging in | Logged in with the employee account | **Username:** Bogdan  **Password:** Directx\_11 | Logging in successfully and seeing the home page. |  |
| TC-02 | Logging in with incorrect details | Logged in with the power manager account | **Username:** NoUser **Password:** password123 | The system notifies the user that the credentials he/she typed are incorrect. |  |
| TC-03 | Add product | Logged in with the employee account | **Product name:** Beans  **Product Description:**  Black beans  **Category:**  Canned goods  **SubCategory:**  Beans  **Price:** 1 Euro  **Unit:** grams | Confirmation of successful adding of the product. New product should be visible in the application. |  |
| TC-04 | Failing to add product to the catalog | Logged in with the employee account | **Product name:** Beans  **Product Description:**  Black beans  **Category:**  Canned goods  **SubCategory:**  Beans  **Price:** --  **Unit:** grams | The system notifies the logged in user that not all the fields were entered or not entered incorrect format |  |
| TC-05 | Editing product | Logged in with the employee account | **Product name:** Beans  **Product Description:**  Black beans  **Category:**  Canned goods  **SubCategory:**  Beans  **Price:** 1.25 Euro  **Unit:** grams | Confirmation of successful editing of a product. |  |
| TC-06 | Changing order status | Logged in with the employee account |  | The employee can see in the homepage a list of orders. If he double clicks on an order it can see its details and change only the status of the order |  |
| TC-07 | Creating employee account | Logged in with the HR account | **Username:** Bogdan  **Full Name:**  Bogdan Calinescu  **E-mail:**  Bcalinescu79@gmail.com  **Password:**  Directx\_11 | Confirmation of successful creating of an employee account |  |
| TC-08 | Failing  creating employee account | Logged in with the HR account | **Username:** --  **Full Name:**  Bogdan Calinescu  **E-mail:**  Bcalinescu79@gmail.com  **Password:**  Directx\_11 | The system notifies the logged in user that not all the fields were entered or not entered incorrect format |  |
|  |  |  | **Web Application** |  |  |
| TC-09 | Logging in | Logged in with the customer account | **Username:** Catalin  **Password:** Directx\_9 | Logging in successfully and get full access to the web application. The user is redirected to the home page |  |
| TC-10 | Failed to log in | Type wrong credentials | **Username:** Catalin  **Password:** 1234 | The system notifies the user that the credentials he/she typed are incorrect. |  |
| TC-11 | Register as a new customer |  | **Name:** Catalin Calinescu  **Username:** Catalin  **E-mail:** bcalinescu@gmail.com  **Password:** Directx\_900 | The system notifies the user that she’s/his account was created |  |
| TC-12 | Fail to register as a new customer | The filled fields does not respect the requirements to register | **Name:** Catalin Calinescu  **Username:** Catalin  **E-mail:** bcalinescugmail.com  **Password:** directx\_900 | The system notifies the user that one or more fields do not respect the requirements to register |  |
| TC-13 | Adding a product to the cart | Must select a category and a subcategory | **Selected category:**  Fruits and vegetables  **Selected subcategory:**  Fruits  **Products to add to the cart:**  2 apples and 1 banana | After selecting a category and subcategory, the user will see the product catalogue for that category and subcategory and can press the add button to add the specific product once or more to the cart. Now, if the user pressed the add button on a specific product, he can see that product in his cart. |  |
| TC-13 | Using bonus points | Having products in the cart |  | The user gets a discount based on how many points he uses. |  |
| TC-14 | No products in the subcategory |  |  | When an user clicks on a subcategory with no products the system notifies she/him that no products could be found |  |
| TC-14 | Making a order | Having products in the cart | Stret Name : Strasburg  Houser nr: 17  City: Eindhoven  Postal code: 5367 DA  Payment method: Card | The user filled up the fields for the address and now he can press the order now button to make an order |  |
| TC-16 | Failed to make a order | Having products in the cart | Stret Name : Strasburg  Houser nr: 17  City: Eindhoven  Postal code: 5367  Payment method: Card | The system notifies the user one or more fields does not respect the fields requirements |  |
| TC-16 | Receipt after making an order | Made a recent order |  | The user can see his order details and also can see how many bonus point he earned and lost from his account |  |