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| F Ff Logo Design Vector Graphic by xcoolee · Creative Fabrica  FIT FUSION test PLAN & Test report | Kaloyan Kulov  Date: 10-12-2023  Version: 1.0 |

**Test Plan**

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| ID | UC | Name | Pre-condition | Test data | Expected result | Platform |
| TC01 | UC01 | Clients should be able to log in the system. | The user tries to log in in the system. | Email: sachinowner@email.com  Password:  sachinowner@email.com | The system allows the user to enter. | Both |
| TC02 | UC01 | Email: sachinowner@email.com  Password:  NotSachin | The system doesn’t allow the user to enter and displays a message. |
| TC03 | UC02 | Clients should be able to register in the system | The user tries to register through the web application. | First name: Anakin  Last name: Skywalker  Email: [anakin@email.com](mailto:anakin@email.com)  Password: [anakin@email.com](mailto:anakin@email.com)  Address: Tatooine | The system creates the user and redirects to the login page. | Web application |
| TC04 | UC02 | The system should show a message error saying that the user is already in the system. |
| TC05 | UC03 | Clients should be able to perform data retrieval and organization on users | The user tries to search, filter and sort users. | Email: sachinowner@email.com  Password:  [sachinowner@email.com](mailto:sachinowner@email.com)  Search word: Sachin  Filter role: Customer  Sort: Name ascending | The system should show the corresponding users to the search. | Both |
| TC06 | UC04 | Clients should be able to perform data retrieval and organization on products | The user tries to search, filter and sort products. | Email: sachinowner@email.com  Password:  [sachinowner@email.com](mailto:sachinowner@email.com)  Search word: protein  Filter category: Protein  Sort: Price ascending | The system should show the corresponding products to the search. | Both |
| TC07 | UC05 | Products details page | The user tries to see a specific product. | Email: sachinowner@email.com  Password:  [sachinowner@email.com](mailto:sachinowner@email.com) | The system should show the data of that product. | Both |
| TC08 | UC06 | Clients should be able to add products to a shopping cart | The user tries to add products to the shopping cart. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The system adds the product to the cart and displays the data about it (title, price, quantity). | Web application |
| TC09 | UC07 | The shopping cart displays details about the current order. | The user has added products to the shopping cart and now wants to see his cart. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The system displays information about the current order (total price, nutria points gathered). | Web application |
| TC10 | UC08 | Clients should be able to make an order. | The user has added products to his shopping cart and now wants to finalize the order. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The system validates the order and shows the successful message. | Web application |
| TC11 | UC09 | Create User | The user wants to create a user. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Role: Customer  First name: Tim  Last name: Burton  Email: [timburton@email.com](mailto:timburton@email.com)  Password:  [timburton@email.com](mailto:timburton@email.com)  Address: USA | The system should validate the user and add him to the records. | Both |
| TC12 | UC10 | Update User | The user wants to update another user record. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Role: Customer  First name: Timothy  Last name: Burton  Email: [timburton@email.com](mailto:timburton@email.com)  Password:  [timburton@email.com](mailto:timburton@email.com)  Address: USA | The user record should update respectively and from now on should show that the first name is Timothy instead of Tim. | Both |
| TC13 | UC11 | Delete User | The user wants to delete a user record. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Role: Customer  First name: Tim  Last name: Burton  Email: [timburton@email.com](mailto:timburton@email.com) | The user record should be deleted from the user record. | Both |
| TC14 | UC12 | Reading User details | The user wants to see users details. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The user should be able to see some details (address, phone, email) about a certain user. | Both |
| TC15 | UC13 | Create Product | The user wants to create a product | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Title: Fontys protein  Price: 30.00  Description: Universities protein.  Category: Protein  ImageUrl: “empty” | The user should have created a new product in the products records. | Both |
| TC16 | UC14 | Update Product | The user wants to update a product | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Title: Fontys protein  Price: 35.00  Description: University protein.  Category: Protein  ImageUrl: “empty” | The product should have updated respectively. | Both |
| TC17 | UC15 | Delete Product | The user wants to delete a product | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com)  Title: Fontys protein | The product should have been deleted. | Both |
| TC18 | UC16 | Reading Product Details | The user wants to see products details. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The page should show products characteristics. | Both |
| TC19 | UC17 | View Customer Information | The user wants to read his data. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The page should have shown the users data. | Both |
| TC20 | UC18 | Redeeming Product with NutriPoints | The user wants to purchase products with his NutriPoints | Email: troy@gmail.com  Password: [troy@gmail.com](mailto:troy@gmail.com) | The user should be able to buy the products with the category of Redeem. | Web application |
| TC21 | UC19 | Owners can see Customers products recommendations and add a product to them. | The user wants to see customers recommendations. | Email: sachincustomer@email.com  Password:  [sachincustomer@email.com](mailto:sachincustomer@email.com) | The user should be able to see customers recommendations for the past 3 months. | Desktop application |

**Test Report**

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| ID | UC | Actual result |
| TC01 | UC01 | The system logs the user to the system. And displays the home page. |
| TC02 | UC01 | The system doesn’t change the login page, only displays a message saying that the login credentials were incorrect. |
| TC03 | UC02 | The system creates the user and redirects to the login page. |
| TC04 | UC02 | The system doesn’t change the register page, only displays a message saying that the user already exists. |
| TC05 | UC03 | The system shows the corresponding users to the search criteria. |
| TC06 | UC04 | The system shows the corresponding products to the search criteria. |
| TC07 | UC05 | The system shows the data of the product. |
| TC08 | UC06 | The system adds the product to the cart. |
| TC09 | UC07 | The system displays information about the order (like customer, total price, nutria points, etc.). |
| TC10 | UC08 | The system creates the order and redirects to the “Successful order page”. |
| TC11 | UC09 | The system adds the user to the records. |
| TC12 | UC10 | The system updates user data to the records. |
| TC13 | UC11 | The system deletes the user from the records. |
| TC14 | UC12 | The system shows user details. |
| TC15 | UC13 | The system adds the product to the records. |
| TC16 | UC14 | The system updates the user to the records. |
| TC17 | UC15 | The system deletes the user from the records. |
| TC18 | UC16 | The system shows product details. |
| TC19 | UC17 | The system shows information about the logged user. |
| TC20 | UC18 | The user buys the product with category of “Redeem” and his nutri points are reduced. |
| TC21 | UC19 | The system shows the customer recommendations for the past 3 months. |