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Test Case Definitions

OBMS-TC-001 - Login

1.1 – Wrong credentials for login:

Description: An actor enters credentials that doesn't exist in the database.

Pre-condition: An actor must successfully loaded login page.

Post-condition: An error message is displayed and login forms are active.

Data required: None

1.2 – Correct credentials for login:

Description: Actor enters correct credentials.

Pre-condition: User is registered and login screen is loaded.

Post-condition: User is logged in and redirected to the main page.

Data required: Username and password.

OBMS-TC-002 - Logout

Description: Registered Customer or Admin logouts

Pre-condition: Actor has logged in. There are users in the system.

Post-condition: Actor has logged out from the system. System has got into unregistered customer mode. Actor cannot access to Admin or registered customer functions anymore

Data required: Actor account information.

OBMS-TC-003 - Register

3.1 – Right user information

Description: User registers to the website to be able to buy books or to manage his/her personal information.

Pre-condition: Actor hasn't registered to the website yet.

Post-condition: Actor has registered.

Data required: An available (not chosen before) username, a minimum 8 digit length password, and an existing email address that's not registered to the website.

3.1 – Choosing An Existing Username.

Description: User registers to the website to be able to buy books or to manage his/her personal information.

Pre-condition: Actor hasn't registered to the website yet.

Post-condition: Actor has registered.

Data required: A username chosen before, a minimum 8 digit length password, and an existing email address which hasn't registered to the website.

3.2 – Wrong Email Address

Description: User registers to the website to be able to buy books or to manage his/her personal information.

Pre-condition: Actor hasn't registered to the website yet.

Post-condition: Actor has not registered.

Data required: An available (not chosen before) username, a minimum 8 digit length password, and an email address registered to the website before.

3.1 – Short Password

Description: User registers to the website to be able to buy books or to manage his/her personal information.

Pre-condition: Actor hasn't registered to the website yet.

Post-condition: Actor has registered.

Data required: An available (not chosen before) username, a maximum 7 digit length password, and an existing email address that's not registered to the website.

OBMS-TC-004 - Search Book

4.1 – A Normal Category Search

Description: User searches book categories

Pre-condition: User enters main page

Post-condition: User receives categories.

Data required: None.

4.2 – A Categorical Book Search

Description: User searches books by categories

Pre-condition: User Clicks any category button from the side menu.

Post-condition: User receives books by category he/she chosen.

Data required: Category name.

4.3 – Searching An Existing Book with Keyword

Description: User searches books by search bar.

Pre-condition: User writes something to search bar.

Post-condition: User receives books which has an attribute like keyword.

Data required: A Keyword.

4.4 – Searching Non-Existing Book with Keyword

Description: User searches non-existing books by search bar.

Pre-condition: User writes something to search bar.

Post-condition: User receives no books.

Data required: A Keyword.

OBMS-TC-005 - Manage Books

Description: Admin adds, views or changes bookdetails.

Pre-condition: Admin has logged in. There are books in the system.

Post-condition: Actor has added, viewed or changed a book details. The database has been updated.

Data required: Books information.

OBMS-TC-006 - Manage Orders

Description: Admin views the orders in the database.

Pre-condition: There is at least one order in the database.

Post-condition: The orders are loaded into the page. Admin confirms or rejects the order.

Data required: Orders.

OBMS-TC-007 - Manage Customer Account

Description: Customer views or changes account details.

Pre-condition: Customer has logged in. There are users in the system.

Post-condition: Actor has viewed or changed a his account details. The database has been updated.

Data required: User accounts.

OBMS-TC-008 Send Promotion

Description: User gets special promotions from admin

Pre-condition: Admin has entered Manage Customer Accounts section and has selected an account. Admin has chosen a book and a promotion amount. Admin clicks send promotion button.

Post-condition: User gets mailed including promotion details.

Data required: Customer account, admin account.

OBMS-TC-009 - Manage Account

Description: Admin views or changes account details.

Pre-condition: There are users in the system.

Post-condition: Actor has viewed or changed a user's account details. The database has been updated.

Data required: User accounts.

OBMS-TC-010- Add to Basket

10.1 – Insufficient Stock For Add to Basket Process

Description: Test for adding books to basket operations that do not have enough books in stock.

Expected: Error message is shown that the desired book is not in the stocks

Pre-conditions:User is logged in.Pushed the "add to basket" button on the interface in the basket page.

Post-conditions: User still in the desired book page with warning.

10.2 – Valid Operation For Add to Basket Process

Description: Test for add books to basket operation.

Pre-conditions:User is logged in.Pushed the "add to basket" button on the interface basket page.

Post-conditions: User add desired book to basket.

Data Required: The desired book must be in the stocks and up to three books must be selected.

OBMS-TC-011- Selecting Cargo

11.1 – Invalid Address For Shipping Fulfillment

Description: Users address is invalid or address belong to out of country bounds

Expected: Error message appears and user could not finish purchase.

Pre-conditions: At least one book was added to the user's basket and pressed the 'buy' button on the basket page.

Post-conditions: Shipping Module windows is active with new address.

11.2 – Valid Address Shipping Fulfillment

Description: Test for shipping operation with a valid address info.

Pre-conditions: At least one book was added to the user's basket and pressed the 'buy' button on the basket page.

Post-conditions: Cargo selection process was successfully completed and the system directed the user to the external system.

Data required: Valid address

11.3 – Empty Address For Shipping Fulfillment

Description: Test for process to see what happens when user enter empty informations

Expected: System shows an alert message to the user that they could not complete the purchase process.

Pre-conditions: Shipping window is open.

Post-conditions: Shipping window is still active

OBMS-TC-012- HTTPS - Purchase

12.1 – Invalid Credit Card Information For Purchase Module

Description: Test for purchase operation for registered users.

Expected: Error message is shown and purchase is not successful.

Pre-conditions: Shipping information added successfully.

Post-conditions: User couldn't complete purchase operation and Purchase window is active with empty forms.

12.2 – Valid Credit Card Information For Purchase Module

Description: Test for login operation with a valid credit card info.

Pre-conditions:Actor is currently in the payment system.

Post-conditions: Card information is true and the system waits for payment.

Data required: Credit card information.

12.3 – Insufficient Credit Card Funds For Purchase

Description: Test for login operation with insufficient funds.

Expected: Error message to user about balance.

Pre-conditions:Actor is currently in the payment system.

Post-conditions: User could not complete purchase operation and purchase window is active.

OBMS-TC-013- Complete Order

13.1 – Confirm The Purchase

Description: Test operation to confirm purchase.

Expected: The system will report that the purchase has been completed successfully.

Pre-conditions: All payment and shipping fulfillment is completed and the system waits for the user to give the final confirmation.

Post-conditions: User completed purchase operation.

13.2 – Refuse The Purchase

Description: Test for purchase operation for registered users.

Expected: The books are still in the basket and give a message to the user that the purchase is not completed.

Pre-conditions: All payment and shipping fulfillment is completed and the system waits for the user to give the final confirmation.

Post-conditions: User couldn't complete purchase operation and external https system is closed.

OBMS-TC-014- Check Delivery Status

14.1 – Check Delivery Status

Description: Check if the user can track order status.

Pre-conditions: User must have at least one successful order.

Post-conditions: User notified.

Data required: Shipping tracking number.

OBMS-TC-015- Rate/Review Upload

15.1 –Rate/Review Product Successfully

Description: Test for rating with or without reviewing the purchased book.

Pre-conditions: The user must have purchased this book before.

Post-conditions: The chosen score was recorded and affected the rate of the book.

Data required: A score between 1 and 10.

15.2 - Invalid Rate/Review

Description: Test for the user tries to comment without rating.

Expected: System gives an alert message to the user and reminds the user to rate first.

Pre-conditions: The user must have purchased this book before.

Post-conditions: The system still is active and waits for the user to rate.