HACETTEPE UNIVERSITY DEPARTMENT OF COMPUTER ENGINEERING

BBM384: SOFTWARE ENGINEERING LABORATORY

TEST CASE DESCRIPTION

GROUP - 2 - BaBoB

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<1> - <SignUp>:

Description: It is the case where a new customer tries to sign up to the system. The new customer enters the name,surname, email and password. System check the given information. If there is no problem, the system will create an account for the customer.

Pre-conditions:
- All personal informations must be filled
- There is no account with same information in database

Post-conditions:
- Account created

Data required:
- Name-Surname
- Email
- Password

<2> - <LogIn>:

Description: It is the case where a custoemer/admin try to log in to the system. Admin/customer enters the email and password. System gives access to admin/customer if the email and password are both valid.

Pre-conditions:
- Pre-created account

Post-conditions:
- Session is started

Data required:
- Email
- Password

<3> - <User Information View and Manipulate>:

Description: It is the case where a seller/customer tries to change own profile information. Seller/customer enters the new information about himself/herself. Changing information that appears in the profile if the entered information is valid format.

Pre-conditions:
- Seller/Customer is authorized

Post-conditions:
- Information changed

Data required:
- Different information that is before

<4> - <Item Create>:

Description: It is the case where a seller tries to create a new item. Seller enters the wanted information about a prodcut. If all entered information is valid, the item will be created.

Pre-conditions:
- Seller authorized

Post-conditions:
- Item created

Data required:
- This is changeable because there are many different kinds of items but every item must have title, stock, price, description, and shipping.

<5> - <Search Item>:

Description: It is the case where a user tries to search item that user's want.User enters the description about product. Then the system list related items

Pre-conditions:
-

Post-conditions:
- List products

Data required:
-

<6> - <View Item>:

Description: It is the case where a user tries to view item. User clicks item and sees the item details.

Pre-conditions:
-

Post-conditions:
- View Item

Data required:
-

<7> - <Select Item>:

Description: It is the case where a customer to select item.

Pre-conditions:
- Customer is authorized

Post-conditions:
- Select Item

Data required:
-

Description: It is the case where a user tries to search item that user's want.User enters the description about product. Then the system list related items

Pre-conditions:
-

<8> - <Add to Cart>:

<u>Description</u>: It is the case where a customer tries to add selected item to shopping cart. The customer can put item to own shopping cart item. If there is no stock, the customer cannot put item to shopping cart.

<u>Pre-conditions</u>:
- User is authorized
- Item is in the stock

<u>Post-conditions</u>:
- Added Item to shopping cart

<u>Data required</u>:
-

<9> - <View Shopping Cart>:

<u>Description</u>: It is the case where a customer tries to see own shopping cart. The custemer sees the added item or if there is no item in the shopping cart, the customer sees empty page.

<u>Pre-conditions</u>:
- User is authorized

<u>Post-conditions</u>:
- View shopping cart

<u>Data required</u>:
-

<10> - <Update Shopping Cart>:

Description: It is the case where a customer/admin/seller tries to update shopping cart. The customer change number of items in the cart or delete any item.

Pre-conditions:
- User is authorized
- There is enough item in the stock
- Shopping cart is not empty

Post-conditions:
- Updated shopping cart

Data required:
-

<11> - <Checkout>:

Description: It is the case where a customer tries to check out. The customer orders the items in the shopping cart.

Pre-conditions:
- User is authorized
- There is enough item in the stock
- Non-empty cart

Post-conditions:
- Checked out items

Data required:
-

<12> - <Select Address>:

Description: It is the case where a customer tries to select own address. The customer selects the address from his/her address list. If there is no adress, the customer must add a adress. There must be at least one adress in list to ship items.

Pre-conditions:
- User is authorized
- Customer has an adress

Post-conditions:
- Order shipping destination updated

Data required:
-

<13> - <Payment>:

Description: It is the case where a customer tries making the payment. The customer makes the payment for item in the shopping cart. If any problem occurs on the process such as not

Pre-conditions:
- User is authorized
- The cart is not empty
- There is enough item in the stock
- The address of the customer is valid

Post-conditions:
- The customer pays for the order

Data required:
-

<14> - <View History>:

Description: It is the case where a customer tries to look history of viewed items. The customer view the history of items that customer looked. If the session is first entry, there would be no looked items history.

Pre-conditions:
- User is authorized
- Customer looked at least one item

Post-conditions:
- The customer views the history

Data required:
-

<15> - <Customer Notification>:

Description: It is the case where the application tries to send notification to the customer.

Pre-conditions:
- User allowed to seeing specific notification types

Post-conditions:
- Push notification has being pushed on customer's device

Data required:
-

<16> - <View Order History>:

Description: It is the case where a customer tries to see order history. The customer views the purchased items and their details. If there is no pre-ordered item to be shown, the customer see empty page.

Pre-conditions:
- User is authorized
- Customer placed at least one order

Post-conditions:
- Customer see the order history

Data required:
-

<17> - <Confirm Order>:

Description: It is the case where a customer tries to confirm the orders. The customer confirms the order received successfuly.

Pre-conditions:
- User is authorized
- User purchased item

Post-conditions:
- Confirm the order and the product's money goes to seller account

Data required:
-

<18> - <View and Manage Options>:

Description: It is the case where a customer/admin tries to change application interfaces.The customer/admin manages the app options.

Pre-conditions:
- User is authorized

Post-conditions:
- Changed the options

Data required:
-

<19> - <Manage Addresses>:

Description: It is the case where a customer tries to update address list. The customer can add new adress, delete old address or update already address. The entered adress must be valid.

Pre-conditions:
- User is authorized
- Pre-saved address

Post-conditions:
- Update address list

Data required:
- Valid address information

<20> - <Reset Password>:

Description: It is the case where a customer/admin/seller tries to change own password. The customer/admin/seller resets theirs password.

Pre-conditions:
- User is authorized

Post-conditions:
- The customer/admin/seller gets an email about resetting the password

Data required:
-

<21> - <Seller Notification>:

Description: It is the case where the system tries to send notification to seller.

Pre-conditions:
- Seller is authorized
- Given permission for notifications

Post-conditions:
- Sends push notification to seller's device

Data required:
-

<22> - <Receive Payment>:

Description: It is the case where a seller tries to get the payment. The seller takes money after sold item confirmed.

Pre-conditions:
- Seller is authorized
- Seller sold an item and the customer confirmed it

Post-conditions:
- The seller received the payment

Data required:
-

<23> - <View and Supply Stock>:

Description: It is the case where a seller tries to update items stock. The seller change item stock.

Pre-conditions:
- Seller is authorized
- Item is pre-created

Post-conditions:
- Stock gets updated

Data required:
- New stock value

<24> - <View and Manipulate Items>:

Description: It is the case where a admin/seller tries to view and manipulate item. The seller/admin change the information of created item. Entered information must be valid.

Pre-conditions:
- User is authorized
- There is at least one item in the server

Post-conditions:
- Updated item information

Data required:
- The data which is wanted to be changed

<25> - <View and Manipulate Sellers>:

Description: It is the case where a admin tries to view and manipulate seller. The admin change seller's information.

Pre-conditions:
- The admin is authorized
- There is at least one seller in the server

Post-conditions:
- The seller is manipulated

Data required:
- The data which is wanted to be changed

<26> - < View and Manipulate Customers >:

Description It is the case where a admin tries to view and manipulate customer. The admin change customer's information.

Pre-conditions:
- The admin is authorized
- There is at least one customer in the server

Post-conditions:
- The customer is manipulated

Data required:
- The data which is wanted to be changed

<27> - <View and Confirm Sales>:

Description: It is the case where a admin tries to view and confirm sales. The admin see and confirm the sold item.

Pre-conditions:
- The admin is authorized
- Customer purchased an item

Post-conditions:
- Confirmed the sale

Data required:
-

<28> - <Generate Sale Report>:

Description: It is the case where a admin tries to generate sale report. The admin generates the sale report for seeing the sale in detail.

Pre-conditions:
- The admin is authorized
- At least one new sale happened after the last sale report

Post-conditions:
- Generated the sale report

Data required:
-