User acceptance test (UAT)

1. **Objective**

UAT Tests whether the system can complete the required functions in user requirements as defined way or not.

1. **Resource**

Environment:

JRE (Java Running time Environment)

JDK (Java Development Kit)

Infrastructures

Computers

1. **Data**

Student table :

|  |  |  |  |
| --- | --- | --- | --- |
| Username | Password | Address | Picture |
| 542115511@vr.camt.info | 542115511 | Chiangmai, Thailand | test.jpg |

Product Table :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Product Id | Name | Price | description | Picture |
| 1 | Iphone4S | $456.3 | This is an telephone produced by Apple company | Test1.jpg |

ShoppingHistory Table:

|  |  |  |  |
| --- | --- | --- | --- |
| ID | ShoppingHistories | date | Customer name |
| 1 | ShoppingHistoryItem 1 | 2013.4.5 | 542115511@vr.camt.info |

ShoppingHistoryItem Table:

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Product name | Product price | Product number |
| 1 | Iphone4S | $456.3 | 3 |

ShoppingCart Table:

|  |  |  |
| --- | --- | --- |
| ID | Total | Shopping Cart |
| 1 | 23.0 | 1 |

ShoppingCarttem Table:

|  |  |  |
| --- | --- | --- |
| ID | product | Product number |
| 1 | 1 | 12 |

1. **Test cases:**

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| **Test Case ID:** | UAT-01 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can register account with validate user name and password. | | | |
| **(USR) Includes :** | URS-1 | | | |
| **Description :** | This test case is a user acceptance test for URS-1 user can register account by providing valid user, name password, address(optional) and picture(optional). | | | |
| **Prerequisite or input required:** | | user browse to the register page | | |
| **Test Step :** | 1. user browse to the register page. 2. user full fill the information for applying an account. 3. user choose to rester an account. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user register account with valid information | | username=‘[781832265@qq.com](mailto:781832265@qq.com) ’  password=‘abcd123’  re-password=‘abcd123  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows register successful message |
| 2 | user register account with validate username and invalidate password | | username=‘[781832265@qq.com](mailto:781832265@qq.com) ’  password=‘ab’  re-password=‘ab’  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows the error message”the password length should between 5-12 ” |
| 3 | user register account with invalidate username and validate password | | username=‘781832265.com ’  password=‘abcd11’  re-password=‘abcd11’  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows the error message “The user name must be email” |
| 4 | user register account with validate username and validate password but re-password is different form password | | username=‘781832265.com ’  password=‘abcd11’  re-password=‘abcd12’  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows the error message “the re-password not match with password” |
| 5 | user register account with username that already used and validate password but re-password is different form password | | username=‘542115511@vr.camt.info ’  password=‘abcd11’  re-password=‘abcd11’  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows the error message “The email is already used” |
| 6 | user register account with valid username and password while leave the address and picture to be empty | | username=‘[781832265@qq.com](mailto:781832265@qq.com) ’  password=‘abcd123’  re-password=‘abcd123 | system shows register successful message |

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| --- | --- | --- | --- | --- |
| **Test Case ID:** | UAT-02 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can update his/her own account | | | |
| **(USR) Includes :** | URS-2 | | | |
| **Description :** | This test case is a user acceptance test for URS-2 registered user can change the password of their account on the user profile page. | | | |
| **Prerequisite or input required:** | | user has account  user login in the account already  user browse to the user profile page | | |
| **Test Step :** | 1. user browse to the user profile page. 2. user fill the information for updating account. 3. user choose to update account. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user provide valid information for updating account | | password=‘abcde’  address=‘Bangkok university’  picture=‘test1.jpg’ | system shows the update successful message |
| 2 | user provide invalid password for updating account | | password=‘a’  address=‘Chiangmai university’  picture=‘test.jpg’ | system shows the error message”the password length should between 5-12 ” |
| 3 | user provide valid password for updating account while not changing address or picture | | password=‘abcde’ | system shows the update successful message |
| 4 | user provide only address and picture | | address=‘Bangkok university’  picture=‘test1.jpg’ | system shows the update successful message |
| 5 | user provide only address | | address=‘Bangkok university’ | system shows the update successful message |
| 6 | user provide only picture | | picture=‘test1.jpg’ | system shows the update successful message |

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| **Test Case ID:** | UAT-03 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can user can login account | | | |
| **(USR) Includes :** | URS-3 | | | |
| **Description :** | This test case is a user acceptance test for URS-3 user can login account with valid username and password | | | |
| **Prerequisite or input required:** | | user browse to the login page  user fill in the username and password  user choose to login | | |
| **Test Step :** | 1. user browse to the register page. 2. user full fill the information for applying an account. 3. user choose to rester an account. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user login with valid username and password information | | username=‘542115511@vr.camt.info’  password=‘542115511’ | system shows the home page |
| 2 | user login with invalid username | | username=‘542115511vr.camt.info’  password=‘542115511’ | system shows the error message “The user name must be email” |
| 3 | user login with invalid password | | username=‘542115511@vr.camt.info’  password=‘qa’ | system shows the error message “the password length should between 5-12” |
| 4 | user login with unmatched username and password | | username=‘542115511@vr.camt.info’  password=‘542115510’ | system shows the error message “The username and password are not matched” |

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| **Test Case ID:** | UAT-04 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can browse product | | | |
| **(USR) Includes :** | URS-4 | | | |
| **Description :** | This test case is a user acceptance test for URS-4 User can view the product list provide by the system on home page. | | | |
| **Prerequisite or input required:** | | None | | |
| **Test Step :** | 1. user browse to the home page. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user browse to the home page | |  | system shows the home page with product information list. |

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| --- | --- | --- | --- | --- |
| **Test Case ID:** | UAT-05 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can search product he/she want | | | |
| **(USR) Includes :** | URS-5 | | | |
| **Description :** | This test case is a user acceptance test for URS-5 User can search the specific product by entering the key word in the search bar on home page. | | | |
| **Prerequisite or input required:** | |  | | |
| **Test Step :** | 1. user browses to the home page. 2. user types the keyword in search bar 3. user chooses to search product | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user search the product with full name of the product existed | | keyword=‘Iphone 4s’ | system shows the search result page with the exact product with the name |
| 2 | user search the product with part of the name of the product existed | | keyword=‘Iphone’ | system shows the search result page with the products whose names contains the keyword |
| 3 | user search the product does not exist | | keyword=‘gum’ | system shows the empty search result page with the notation “no such product ” |

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| --- | --- | --- | --- | --- |
| **Test Case ID:** | UAT-06 | | Create by: | Yuke Chen |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can select product he/she wants to buy | | | |
| **(USR) Includes :** | URS-6 | | | |
| **Description :** | This test case is a user acceptance test for URS-6 User can choose t the product to add it into his shopping cart. | | | |
| **Prerequisite or input required:** | | user has account  user login account already | | |
| **Test Step :** | 1. user browses to the product detail page. 2. user select the product and select the amount | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | user select the product and choose amount to add to shipping cart | |  | system shows the save successful message |

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| --- | --- | --- | --- | --- |
| **Test Case ID:** | UAT-07 | | Create by: | Jianhua He |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can save shopping cart. | | | |
| **(USR) Includes :** | URS-7 | | | |
| **Description** | This test case is a UAT for URS-7. User can save their shopping cart. | | | |
| **Prerequisite or input required:** | | 1. User login successful. | | |
| **Test Step :** | 1. Open the shopping cart page. 2. Click “save” button. 3. System adds the shopping cart to database, and show message “shopping cart saved successfully”. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | User open the shopping cart page, and click ‘save’ button | | - | System adds the shopping cart to database, and show message “shopping cart saved successfully” |

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| **Test Case ID:** | UAT-08 | | Create by: | Jianhua He |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can choose payment way. | | | |
| **(USR) Includes :** | URS-8 | | | |
| **Description** | This test case is a UAT for URS-8. User can choose payment way. | | | |
| **Prerequisite or input required:** | | 1. Login successful. | | |
| **Test Step :** | 1. Go to the payment page. 2. Select payment way. 3. System changes to corresponding payment way | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | User select one payment way which user wants to pay for product. | | Alipay | System changes payment way to be alipay. |
| 2 | User select one payment way which user wants to pay for product. | | PayPal | System changes payment way to be alipay. |

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| **Test Case ID:** | UAT-09 | | Create by: | Jianhua He |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | User can view the shopping history. | | | |
| **(USR) Includes :** | URS-9 | | | |
| **Description** | This test case is a UAT for URS-9. User can view the shopping history. | | | |
| **Prerequisite or input required:** | | 1. Login successful. | | |
| **Test Step :** | 1. Open the shopping cart page. 2. View the shopping cart history. 3. System shows the shopping cart history. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | User views the shopping cart history. | | - | System shows the shopping cart history. |

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| **Test Case ID:** | UAT-10 | | Create by: | | | | Jianhua He |
| **Date Created:** | 02/27/2014 | | | | | | |
| **Title :** | Administrator can add product. | | | | | | |
| **(USR) Includes :** | URS-10 | | | | | | |
| **Description** | This test case is a UAT for URS-10. Administrator can add product. | | | | | | |
| **Prerequisite or input required:** | | 1. Login successful as administrator. | | | | | |
| **Test Step :** | 1. Administrator browser to administrator profile page. 2. Administrator chooses to add product and add product. 3. System provides the add successful message. 4. System provides the error message “The product is already in system”. | | | | | | |
| **Test Case** | | | | | | | |
| **ID** | **Description** | | **Input** | | | | **Expected Result** |
| **ID** | **Name** | **description** | **Price** |
| 1 | Administrator add product with product information. | | 117 | Ipod2 | A newest version of IPod produced by Apple company. | $78.9 | System shows the add successful information. |
| 2 | Administrator add product with product information. | | 117 | Ipod2 | A newest version of IPod produced by Apple company. | $78.9 | System provides the error message “The product is already in system”. |

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| --- | --- | --- | --- | --- |
| **Test Case ID:** | UAT-11 | | Create by: | Jianhua He |
| **Date Created:** | 02/27/2014 | | | |
| **Title :** | Administrator can view all the shopping histories. | | | |
| **(USR) Includes :** | URS-11 | | | |
| **Description** | This test case is a UAT for URS-11. Administrator can view all the shopping histories. | | | |
| **Prerequisite or input required:** | | 1. Login successful as administrator. | | |
| **Test Step :** | 1. Administrator bowser to the Administrator home page. 2. Administrator chooses to view shopping histories. 3. System shows all the shopping histories. | | | |
| **Test Case** | | | | |
| **ID** | **Description** | | **Input** | **Expected Result** |
| 1 | Administrator views all the shopping cart history. | | - | System shows all the shopping cart history. |