|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-7.0: View Category** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **Guest** | Secondary Actor | **User**  **Admin** |
| Trigger |  | | |
| Description | Guest access to application and see categories | | |
| Preconditions | N/A | | |
| Post conditions | **POST-7.1 :** Application displays in home screen which includes categories when guest access to application | | |
| Normal Flow | 1. Guest clicks on application icon in mobile device 2. Application displays in home screen 3. In home screen, categories are displayed by catalogues such as categories, brands, sale items, top-search items,… | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | Low | | |
| Frequency of Use | High | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-8.0: View Product In Each Category** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **Guest** | Secondary Actor | **User**  **Admin** |
| Trigger |  | | |
| Description | Guest can view, know the products in each category | | |
| Preconditions | **PRE-8.1 :** Guest access to application in home screen | | |
| Post conditions | **POST-8.1 :** Application displays in “<Name Of Category>” screen which includes products in chosen category | | |
| Normal Flow | 1. Guest clicks on application icon in mobile device. 2. Application displays in home screen. 3. In home screen, categories are displayed by catalogues such as categories, brands, sale items, top-search items,… 4. Guest clicks on a category icon which is presented to a category. 5. Application displayed products in chosen category in “<Name Of Category>” screen | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | Low | | |
| Frequency of Use | Medium | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-9.0: Register become a User** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **Guest** | Secondary Actor |  |
| Trigger |  | | |
| Description | Guest who wants to create an User’s account. | | |
| Preconditions | **PRE-9.1:** Guest who has not an User’s account. | | |
| Post conditions | **POST-9.1:** Registered user is logged into system successfully.  **POST-9.3:** System stores Registered user to database. | | |
| Normal Flow | 1. Guest access to application in home screen. 2. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 3. Application displays “Thông tin tài khoản” screen. 4. Guest clicks on “Đăng kí” button in top of screen, beside ”Đăng nhập” button. 5. Application displays “Đăng kí” screen. 6. Guest enters the input: “Tên đăng nhập”, “Mật khẩu”, “Xác nhận mật khẩu”,”Thư điện tử”. 7. Guest clicks on button “Đăng ký” in bottom center. | | |
| Alternative Flows | 1. Guest access to application in home screen. 2. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 3. Application displays “Thông tin tài khoản” screen. 4. Guest clicks on “Đăng nhập” button in top of screen, beside ”Đăng kí” button. 5. Application displays “Đăng nhập” screen. 6. Guest clicks on “Tôi chưa có tài khoản” link which is below “Mật khẩu” field. 7. Application displays “Đăng kí” screen. 8. Guest enters the input: “Tên đăng nhập”, “Mật khẩu”, “Xác nhận mật khẩu”,”Thư điện tử”. 9. Guest clicks on button “Đăng ký” in bottom center. | | |
| Exceptions | 1. Input wrong email format. 2. Input “Xác nhận mật khẩu” field which is not same as “Mật khẩu” field. 3. Not input all field. 4. Input duplicate username (Tên đăng nhập) with others. | | |
| Priority | Low | | |
| Frequency of Use | High | | |
| Business Rules | **B1, B2, B4, B5, B6, B7, B8, B9, B10** | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-10.0: Verify Email Address** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **Guest** | Secondary Actor |  |
| Trigger |  | | |
| Description | Send verify email to Registered user after clicks on button “Đăng ký” successfully. | | |
| Preconditions | **PRE-10.1:** Guest who send request to register an User’s account successfully.  **PRE-10.2:** Guest checks email and click on verify link. | | |
| Post conditions | **POST-10.1**: Guest’s email is verified successfully.  **POST-10.2 :** User’s account which was registered is created  **POST-10.3 :** Guest can login to application system by User’s account | | |
| Normal Flow | 1. Guest opens mail and clicks on “Xác thực email” link. 2. Application displays “Xác thực thư điện tử thành công” screen. | | |
| Alternative Flows | N/A | | |
| Exceptions |  | | |
| Priority | Medium | | |
| Frequency of Use | Medium | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: View Information Account** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor | **Admin** |
| Trigger |  | | |
| Description | User wants to view account information of himself/herself, such as: “Họ” , “Tên”, “Địa chỉ”, “Thư điện tử”, “Số điện thoại”, “Cửa hàng” | | |
| Preconditions | **PRE-11.1:** User has logged in to application | | |
| Post conditions | **POST-10.1**: Application displays “Hồ sơ của <Name Of User>” screen | | |
| Normal Flow | 1. User visits home screen 2. Application displays home screen 3. User clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | High | | |
| Frequency of Use | Medium | | |
| Business Rules | B11 | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: View User’s Orders** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor |  |
| Trigger |  | | |
| Description | User wants to view his/her order list in kinds such as : “Đơn hàng đang yêu cầu”, “Đơn hàng đã xử lý”, “Đơn hang đã hủy” | | |
| Preconditions | **PRE-11.1:** User has logged in to application. | | |
| Post conditions | **POST-10.1**: Application displays “Quản lý đơn hàng” screen. | | |
| Normal Flow | 1. User visits home screen 2. Application displays home screen 3. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 4. Application displays “Hồ sơ của <Name Of User>” screen . 5. User clicks on “Quản lý đơn hàng” button which bottom center of screen. | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | Medium | | |
| Frequency of Use | Medium | | |
| Business Rules | B12 | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: Update Account Information** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor | **Admin** |
| Trigger |  | | |
| Description | User who want to edit or update his/her account information in application system | | |
| Preconditions | **PRE-11.1:** User has logged in to application. | | |
| Post conditions | **POST-10.1**: User’s account information has changed. | | |
| Normal Flow | 1. User visits home screen 2. Application displays home screen 3. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 4. Application displays “Hồ sơ của <Name Of User>” screen . 5. User clicks on “Thay đổi thông tin” button in bottom center of screen. 6. Application displays “Thay đổi thông tin tài khoản” screen with information-filled-out form. 7. User change information which we need to change. 8. User clicks on “Lưu thay đổi” button in bottom center in screen. 9. Screen displays a confirm dialog with content “Bạn có muốn thay đổi thông tin tài khoản không?” 10. User clicks on “Có” button | | |
| Alternative Flows | N/A | | |
| Exceptions | 1. Input wrong email format in ”Thư điện tử” field. 2. Input wrong phone number format in ”Điện thoại” field. | | |
| Priority | Medium | | |
| Frequency of Use | Medium | | |
| Business Rules | B11, B7, B8, B9 | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: Change password** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor | **Admin** |
| Trigger |  | | |
| Description | User who want to edit or change account password | | |
| Preconditions | **PRE-11.1:** User has logged in to application | | |
| Post conditions | **POST-10.1**: User’s account password has changed. | | |
| Normal Flow | 1. User visits home screen 2. Application displays home screen 3. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 4. Application displays “Hồ sơ của <Name Of User>” screen . 5. User clicks on “Thay đổi mật khẩu” button which is in bottom center. 6. Application displays “Thay đổi mật khẩu” screen. 7. User enters the input “Mật khẩu cũ”, “Mật khẩu mới”, “Xác thực mật khẩu cũ” 8. User clicks on “Thay đổi mật khẩu” button in bottom center in screen. 9. Screen displays a confirm dialog with content “Bạn có muốn thay đổi thông tin tài khoản không?” 10. User clicks on “Có” button | | |
| Alternative Flows |  | | |
| Exceptions | 1. Input wrong “Mật khẩu cũ”. 2. Input “Xác nhận mật khẩu mới” field which is not same as “Mật khẩu mới” field. 3. Not input all field. | | |
| Priority | High | | |
| Frequency of Use | Medium | | |
| Business Rules | B2, B3, B4, B5, B6 | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: Login With Facebook Account** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor |  |
| Trigger |  | | |
| Description | User who want to log in to application via Facebook | | |
| Preconditions | **PRE-11.1:** User has not logged in to application yet | | |
| Post conditions | **POST-10.1**: User is logged into system successfully. | | |
| Normal Flow | 1. User access to application in home screen. 2. User clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 3. Application displays “Thông tin tài khoản” screen. 4. User clicks on “Đăng nhập” button in top of screen, beside ”Đăng kí” button. 5. Application displays “Đăng nhập” screen. 6. User clicks on “Đăng nhập với tài khoản Facebook” button in bottom side of screen. 7. User fills out information to login form and clicks on “ Đăng nhập” button. | | |
| Alternative Flows | 1. User access to application in home screen. 2. User clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 3. Application displays “Thông tin tài khoản” screen. 4. Guest clicks on “Đăng kí” button in top of screen, beside ”Đăng nhập” button. 5. Application displays “Đăng kí” screen. 6. Guest clicks on “Tôi đã có tài khoản” link which is below “Thư điện tử” field. 7. Application displays “Đăng nhập” screen. 8. User clicks on “Đăng nhập với tài khoản Facebook” button in bottom side of screen. 9. User fills out information to login form and clicks on “ Đăng nhập” button | | |
| Exceptions | N/A | | |
| Priority | High | | |
| Frequency of Use | Medium | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: Add Catalogue** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **Manufacture** | Secondary Actor |  |
| Trigger |  | | |
| Description | Manufactory wants to add/insert catalogue to application database | | |
| Preconditions | **PRE-11.1:** Manufactory is registered to system by admin | | |
| Post conditions | **POST-10.1**: New catalogue is added into application database | | |
| Normal Flow | // chưa có GUI chưa xác định | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | Medium | | |
| Frequency of Use | Low | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11.0: Logout** | | |
| Created by | **ThangND** | Created date | **May 19th, 2018** |
| Primary Actor | **User** | Secondary Actor | **Admin** |
| Trigger |  | | |
| Description | User wants to logout from application | | |
| Preconditions | **PRE-11.1:** User has logged in to application | | |
| Post conditions | **POST-10.1**: User’s account is logged out | | |
| Normal Flow | 1. User visits home screen 2. Application displays home screen 3. Guest clicks on User’s Profile which is represented by icon account, human, perso, user icon in right of bottom navigation bar. 4. Application displays “Hồ sơ của <Name Of User>” screen . 5. User clicks on “Đăng xuất” button which is in bottom center. 6. Screen displays a confirm dialog with content “Bạn có chắc chắn đăng xuất không?” 7. User clicks on “Có” button | | |
| Alternative Flows | N/A | | |
| Exceptions | N/A | | |
| Priority | High | | |
| Frequency of Use | High | | |
| Business Rules |  | | |
| Other Information |  | | |
| Assumptions | Server is stable running.  SQL Server is stable running | | |

|  |  |
| --- | --- |
| **ID** | **Description** |
| **B1** | The “Tên tài khoản” field as username must not be empty. |
| **B2** | The “Mật khẩu” field or “Mật khẩu cũ” as password must not be empty. |
| **B3** | The “Mật khẩu mới” field as new password must not be empty. |
| **B4** | The “Xác thực mật khẩu” field as confirm password must not be empty. |
| **B5** | The password or new password length must be great or equal than 8 characters. |
| **B6** | The confirm password must be matched with the new password. |
| **B7** | The “Thư điện tử” field as email must not be empty. |
| **B8** | The email must be same as formatted. |
| **B9** | The email must be not same others account’s email. |
| **B10** | The account just only be registered successfully after the User verify his/her email. |
| **B11** | User only can view/update his/her profile |
| **B12** | User only can manage his/her ordering, can not view other User  ’s ordering. |
| **B13** | User must fill all information into the form when sending request ordering product to Store |
| **B14** | User must choose deliverable time by choosing “Now” as immediately or “Datetime picker” choice as his/her requirement. |
| **B15** | After 10 minutes, if Store have not confirmed ordering, the User can cancel this ordering. |
| **B16** | After Store have accepted ordering, the User can not cancel this ordering. |
| **B17** | Guest must provide phone number when ordering in order to Store call to confirm. |
| **B18** | User has a store as Store can order product like others User. |
| **B19** | Guest must fill all information into the form when register a Store. |
| **B20** | One account (User) only can create/ open only one Store. |
| **B21** | User can not delete his/her store, just can only de-act his/her store. |
| **B22** | Store must call to confirm ordering when ordered person is Guest. |
| **B23** | Store must update status ordering when delivering successfully. |
| **B24** | Only user who have logged in to application can rate Store service with yellow stars. |
| **B25** | Only user who have logged in to application can report Store. |
| **B26** | Only user who have logged in to application can feedback to Store. |
| **B27** | Store must fill all information into the form when add a product to a Store Catalogue. |
| **B28** | The user is able to: manage profile, manage ordering, order products, search store by products, report store, rate store, comment, register to become Store, view category, …. |
| **B29** | The store is able to: manage store profile, add products to store, manage store’s ordering, response ordering request from user, update product information,.. |
| **B30** | The administrator is able to : manage profile, manage stores, manage user’s feedback to store, manage account, add Manufacture role account, add product category,… |
| **B31** | The guest is able to : view category, order product, search store by products. |
| **B32** | The manufacture is able to : add product category, provide product category via administrator. |