1/ <Member > Recommend



|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE** | | | |
| **Use Case No.** | 001 | **Use Case Version** |  |
| **Use Case Name** | Recommend | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Member.   **Summary:**   * This use case allows member recommend.   **Goal:**   * Help staff parse new product by product info.   **Triggers:**   * Member want recommend product information in the system. * To recommend, Member must do the following steps:   + Enter specified link or product Seri-Number that is not existed in the system.   + Enter textbox in “**Nguồn gốc**” tab or textbox in “**Cấu hình**” tab.   + Click button “**Gửi**” to finish.   **Preconditions:** User has logged in system as member role. Search product that is not existed.  **Post Conditions:**   * **Success**: Show successful message. * **Fail:** Can’t send message. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter address link or product seri number is not exits in search textbox in homepage .  Click “**Tìm Kiếm**” button in home page. | Navigate to “**NotFound**” page which contains:   * Notice not found * Link to return homepage. * “**Email**” textbox, min length: 0, max length: 100, regular expression: ^[a-zA-Z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)\*$, required. * “**Tên**” textbox, min length: 6, max length: 30, required. * Two tab to enter information. * “**Nguồn gốc**”tab   + “**Đường dẫn**” textbox, min length: 6, max length: 30, required.   + “**Mô tả**” textbox, min length: 6, max length: 200, required * “**Cấu hình**”tab   + “**Tên laptop**” textbox, min length: 6, max length: 30, required.   + “**Cpu**” textbox, min length: 6, max length: 30, required. “**Ram**” textbox   + “**Display**” textbox, min length: 6, max length: 30, required.   + “**HDD**” textbox, min length: 6, max length: 30, required. * “**Gửi**” Button | | 2 | Enter “**Email**” textbox , “**Tên**” textbox.  Enter just “**Nguồn gốc**” tab or “**Cấu hình**” tab.   * “**Nguồn gốc**” tab:   + Enter “**Đường dẫn**” textbox  +“**Mô tả**” textbox   * “**Cấu hình**” tab:   + Enter “**Tên laptop**” textbox  + Enter “**Cpu**” textbox  + Enter “**Ram**” textbox  + Enter “**Display**” textbox  +Enter“**HDD**” textbox  Click “**Gửi”** button. | Show success message: “Thao tác thành công!”  Return “**Home page**”.  [Exception 1,2,3] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 2 | Enter information. | Show error message: “Bạn đã điền thiếu thông tin vui lòng nhập đủ thông tin ở ô có dấu \* ”  Show error message: “Độ dài password phải từ 6-20 ký tự!”  Show error message: “Email phải đúng định dạng!” |   **Relationships:** N/A  **Business Rules:** N/A | | | |

3/ <Member>Rating



|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE** | | | |
| **Use Case No.** |  | **Use Case Version** |  |
| **Use Case Name** | Rating | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Member.   **Summary:**   * This use case allows Member to Rating for product   **Goal:**   * Rating product.   **Triggers:**   * Member wants to see and rating for product in system. * To Rating product, staff must do the following steps:   + Enter ProductCode and Click “**Tìm Kiếm**” on homepage.   + Click product name result after search.   **Preconditions:**   * User must log in the system with member role.   **Post Conditions:**   * **Success**: Rating icon will be change. * **Fail:** Rating icon not change.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter ProductCode and Click “**Search**” button on homepage. | Navigate to “**Home**” page which contains:   * List product contain “productcode” ; | | 2 | Click ProductName in list. | Navigate to “**Home**” page which contains:   * Product info: image, weight, rating….. | | 3 | Click rating icon | Rating icon changed. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | |  |  |  |   **Relationships:** N/A  **Business Rules:** N/A | | | |

4/<Member,Guest> CompareProduct



|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
| **Use Case No.** |  | **Use Case Version** |  |
| **Use Case Name** | Compare | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Member. * Guest.   **Summary:**   * This use case allows guest/member to compare product.   **Goal:**   * Function will be show and compare products.   **Triggers:**   * Guest/Member want compare product.   To compare product Guest/Member must do the following steps:  Click “Giỏ Hàng” in home page.  **Preconditions:** Search Product , AddToCart  **Post Conditions:**   * **Success**: View ComparePage and kown better product. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “**Giỏ Hàng**” icon. | Navigate to “**Compare**” page which contains:   * Show detail and weight product the basket on a row . * Notify user product bester. * Below show list product same weight bester product but less expensive or more rating.   [Exception 1] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “**Giỏ Hàng**” icon.  Basket is empty. | Show error message: “Giỏ hàng dưới 2 sản phẩm vui lòng thêm sản phẩm để so sánh.” |   **Relationships:** N/A  **Business Rules:** N/A | | | |

5, <Admin> Create User



Figure 5: <Admin> Create User

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – SB003** | | | |
| **Use Case No.** | 005 | **Use Case Version** | 1.0 |
| **Use Case Name** | Create user | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Admin   **Summary:**   * This user case allows admin to create new user account for the system.   **Goal:**   * New user account will be added to the system.   **Triggers:**   * Admin wants to create new user account. * Navigate to “**Quản lý tài khoản**” and enter user info in “**Mới**” row on table click “**Lưu**” button.   **Preconditions:**   * User must log in the system with admin role.   **Post Conditions:**   * **Success:** New user account will be added to the database. * **Fail:** Nothing is added to the database.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Admin clicks “Quản lý tài khoản” link. | Navigate to “ManagerAccount” page which table “**Mới**” row contains:   * Username: textbox, min length: 6, max length: 30, required. * Name: textbox, min length: 6, max length: 30, required. * Password: textbox, min length: 6, max length: 20, required. * Role: drop down list, required. * IsActive: checkbox. * Save: button. | | 2 | Admin fills data to the row. |  | | 3 | Admin clicks “**Lưu**” button. [Alternative 1], [Exception 1, 2, 3, 4] | Insert new user account to the database and redirect to “Quản lý tài khoản” page. |   **Alternative Scenario:**N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Length of username is not in range. | Show error message: “Độ dài username phải từ 6-30 ký tự!” | | 2 | Length of password is not in range. | Show error message: “Độ dài password phải từ 6-20 ký tự!” | | 3 | Role is not specified. | Show error message: “Phải phân quyền cho user!” | | 4 | Username’s existed already. | Show error message: “Trùng tên đăng nhập! Vui lòng chọn tên khác!” |   **Relationships:** Manage user  **Business Rules:**   * Each created account must be in active state when insert to database. | | | |

Table 5: <Admin> Create User

##### 6, <Admin> Update User



Figure 6: <Admin> Update User

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – SB004** | | | |
| **Use Case No.** | 006 | **Use Case Version** | 1.0 |
| **Use Case Name** | Update user | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Admin   **Summary:**   * This use case allows admin to update information for user accounts.   **Goal:**   * New information will be updated to the database.   **Triggers:**   * Admin wants to change some information of members or staffs.   **Preconditions:**   * User must log in system with admin role.   **Post Conditions:**   * **Success:** New information will be updated to the database. * **Fail:** Nothing is updated.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click menu item “Quản lý tài khoản”. | Navigate to “Quản lý tài khoản” page which contains:   * “**Tìm Kiếm**” textbox and “**Tìm Kiếm**” button. * A table with 4 columns:   + ID.   + Tài Khoản.   + Mật khẩu.   + Tên   + Email   + Vai trò (Dropdownlist)   + Kích Hoạt (Checkbox) * “**Lưu**”: button. | | 2 | Enter “**Tìm Kiếm**” textbox and Click “**Tìm Kiếm**” button. | Navigate to “Thông tin tài khoản” page, which contains:   * Tài Khoản: textbox, min length: 6, max length: 30, disabled. * Password: textbox, min length: 6, max length: 20, required. * Email: textbox, min length: 0, max length: 100, regular expression: ^[a-zA-Z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)\*$, required. * Role: drop down list, required. * Cập nhật: button. | | 3 | Admin updates information. |  | | 4 | Click “Cập nhật” button. | New information will be updated to the database. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Length of password is not in range. | Show error message: “Độ dài password phải từ 6-20 ký tự!” | | 2 | Role is not specified. | Show error message: “Phải phân quyền cho user!” | | 3 | Invalid email format. | Show error message: “Email phải đúng định dạng!” |   **Relationships:** Manage User  **Business Rules:**   * Editing username is forbidden. | | | |

Table 4: <Admin> Update User

##### 7,<Admin> Activate User



|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – SB005** | | | |
| **Use Case No.** | 007 | **Use Case Version** | 1.0 |
| **Use Case Name** | Activate User | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Admin   **Summary:**   * This user case allows admin to activate a user account.   **Goal:**   * Deactivated accounts will be activated again.   **Triggers:**   * Admin wants to activate an account so that it can be used to log in the system again.   **Preconditions:**   * User must log in the system with admin role.   **Post Conditions:**   * **Success:** The selected account will be activated. * **Fail:** No account is activated.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click menu item “Quản lý tài khoản”. | Navigate to “Quản lý tài khoản” page which contains:   * “**Tìm Kiếm**” textbox and “**Tìm Kiếm**” button. * A table with 4 columns:   + ID.   + Tài Khoản.   + Mật khẩu.   + Tên   + Email   + Vai trò (Dropdownlist)   + Kích Hoạt (Checkbox) * “**Lưu**”: button. | | 2 | Check the checkbox in “**Kích hoạt**” cell of a deactivated account. | Selected account is activated again. [Exception 1] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Cannot activate the account due to database connection. | Show error message: “Không thể kích hoạt! Vui lòng thử lại sau.” |   **Relationships:** Manage User  **Business Rules:**   * Admins can’t activate/deactivate account of themselves or other admins. | | | |

Table 5: <Admin> Activate User

8, <Admin>Deactivate User



Figure 8: <Admin> Deactivate User

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – SB006** | | | |
| **Use Case No.** | 008 | **Use Case Version** | 1.0 |
| **Use Case Name** | Deactivate User | | |
| **Author** | Tran Tan Len | | |
| **Date** | 16/02/2014 | **Priority** | Normal |
| **Actor:**   * Admin   **Summary:**   * This user case allows admin to deactivate an account.   **Goal:**   * An active account will be deactivated.   **Triggers:**   * In our system, when we do not want a user to login, we deactivate his/her account. That account can be activated later.   **Preconditions:**   * User must log in the system with admin role.   **Post Conditions:**   * **Success:** The selected account will be deactivated. * **Fail:** No account is deactivated.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click menu item “Quản lý tài khoản”. | Navigate to “Quản lý tài khoản” page which contains:   * “**Tìm Kiếm**” textbox and “**Tìm Kiếm**” button. * A table with 4 columns:   + ID.   + Tài Khoản.   + Mật khẩu.   + Tên   + Email   + Vai trò (Dropdownlist)   + Kích Hoạt (Checkbox) * “**Lưu**”: button. | | 2 | Uncheck the checkbox in “Trạng thái” cell of an active account. | The selected account will be deactivated.  [Exception 1] |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Cannot deactivate the account due to database connection. | Show error message: “Không thể kích hoạt! Vui lòng thử lại sau.” |   **Relationships:** Manage Account  **Business Rules:**   * Admins can’t activate/deactivate account of themselves or other admins. | | | |

Table 6: <Admin> Deactivate User

//------------------------------------------------------------------------------------------------------------------------------------------

2/ <Admin> Manager User: 

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE** | | | |
| **Use Case No.** | 002 | **Use Case Version** |  |
| **Use Case Name** | Manager User | | |
| **Author** | Tran Tan Len | | |
| **Date** | 28/05/2014 | **Priority** | Normal |
| **Actor:**   * Admin   **Summary:**   * This use case allows Admin to manager user account.   **Goal:**   * Active and In-Active, change password, create account, edit account info, * edit role.   **Triggers:**   * Admin wants to manager user in the system. * To manager user, Admin can do the following steps:   + Click on “**Quản lý User**” tab   + Check or uncheck Active checkbox, change textbox password.   + Create account, edit account info, edit role.   + Click button Save to finish.   **Preconditions:**   * User must log in the system with Admin role.   **Post Conditions:**   * **Success**: Your update had been changed, notify for admin. * **Fail:** Nothing is changed. Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “**Quản lý User**” tab in menu bar. | Navigate to “**Quản lý User**” page which contains:   * A textbox to enter username * A button SearchUser * A table has 4 columns:   + ID   + UserName   + Name   + Password   + Email   + Active   + Save: button | | 2 | Enter textbox and click “**Tìm Kiếm”** button. | Return user info on table. | | 3 | Uncheck the checkbox in “**Active**” cell and change pass word.  Click **“Save”** button. | [Exception 1]  Show success message: “Thao tác thành công!” |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 3 | Cannot save change. | Show error message: “Thao tác không thể thực hiện vì password nhỏ hơn 6 ký tự. Vui lòng thử lại!” |   **Relationships:** N/A  **Business Rules:** N/A | | | |