1/ <Member > Recommend



**Figure 1: <Member > Recommend**

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| **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:   + From “NotFound” page:   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. * Keyword search is not exists.   **Post Conditions:**   * **Success**: Show successful message. * **Fail:** N/A   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Member selected “Nguồn gốc” radio.  [Alterative1] | Interface appears, include:   * “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: 0, max length: 30, required. * “Đường dẫn” textbox, min length: 6, max length: 300, regular expression: (http|ftp|https):\/\/[\w\-\_]+(\.[\w\-\_]+)+([\w\-\.,@?^=%&amp;:/~\+#]\*[\w\-\@?^=%&amp;/~\+#])? required. * “Mô tả” textbox, min length: 0, max length: 200, required. * “Gửi” Button | | 2 | Member click “Gửi” Button. | Show success message: “Thao tác thành công!”  Return “Trang chủ” page.  [Exception 1,2,3,5] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Member selected “Cấu hình” radio. | Interface appears, include:   * “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: 0, max length: 30, required. * “Tên laptop” textbox, min length: 6, max length: 30, required. * “Cpu” textbox, min length: 2, max length: 30, required. * “Ram” textbox, : 2, max length: 30, required. * “Display” textbox, min length: 2, max length: 30, required * “HDD” textbox, min length: 2, max length: 30, required * “Gửi” Button. | | 2 | Member click “Gửi” Button. | Show success message: “Thao tác thành công!”  Return “Trang chủ” page.  [Exception 1,2,3,4] |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Added missing information. | Show error message: “Bạn đã điền thiếu thông tin vui lòng nhập đủ thông tin ở ô có dấu \* ” | | 2 | Input invalid “Email”. | Show error message: “Email không hợp lệ. Vui lòng thử lại!” | | 3 | Input invalid Tên/Mô Tả in range [0,30]. | Show error message: “Thông tin không hợp lệ. Vui lòng thử lại!” | | 4 | Input invalid TênLaptop/ Cpu/ Ram/Display/HDD in range [2,30]. | Show error message: “Thông tin không hợp lệ. Vui lòng thử lại!” | | 5 | Input invalid “Đường dẫn”. | Show error message: “Đường dẫn không hợp lệ. Vui lòng thử lại!” |   **Relationships:** Search.  **Business Rules:** If have 10 the “Tên Laptop” is same. System will be send to staff to parse. | | | |

**Table 1: <Member > Recommend**

2/ <Member>Rating



**Figure 2: <Member>Rating**

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| **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 rating for product in system. * To Rating product, staff must do the following steps:   + View product detail.   + Click rating icon.   **Preconditions:**   * User must log in the system with member role. * View product detail.   **Post Conditions:**   * **Success**: Rating icon will be change. * **Fail:** Rating icon not change.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Tên” product. | Navigate to “Chi tiết” page which contains:   * Product detail. * Rating icon. | | 2 | Click “Rating” icon. | * Rating icon changed. |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | |  |  |  |   **Relationships:** N/A  **Business Rules:** Help system suggest product same weight . | | | |

**Table 2: <Member>Rating**

3/<Member,Guest> Compare



**Figure 3: <Member,Guest> Compare**

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|  | | | |
| **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**: Know better product in cart and see suggest product. * **Fail:** N/A   **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:** AddToCart.  **Business Rules:** N/A | | | |

**Table 3:<Member,Guest> Compare**

4, <Admin> Create User



Figure 4: <Admin> Create User

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| **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. [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 4: <Admin> Create User

5, <Admin> Update User



Figure 5: <Admin> Update User

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| **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 5: <Admin> Update User

##### 6,<Admin> Activate User



##### Figure 6: <Admin> Activate User

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| **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 6: <Admin> Activate User

7, <Admin>Deactivate User



Figure 7: <Admin> Deactivate User

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| **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 7: <Admin> Deactivate User