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| C:\Users\Tsubaki Yukino\Desktop\FlyAwayPlus Project\Capture.JPG |
| **BOOKAHOLIC SOCIAL NETWORK** |
| **Software Requirement Specification** |
|  |
| |  |  |  | | --- | --- | --- | | **BOOKAHOLIC SOCIAL NETWORK** | | | | **Group Members** | Pham Thi Huyen | SE03416 | | Chu Minh Hai | SE03143 | | Nguyen Thi Hai Yen | SE03171 | | Vu Hai Dang | SE03380 | | Thai Thi Cam Van | SE3409 | | **Supervisor** | Mr. Nguyen Van Sang | | | **Project code** | BSN | | |
|  |
|  |

**- Hanoi, 11/2016 –**

**RECORD OF CHANGE**

\*A-Added; M-Modified; D-Deleted

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Effective Date** | **Change Items** | **A\*M, D** | **Change Description** | **New Version** |
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Table 1: Record of change

**SIGNATURE PAGE**

|  |  |  |
| --- | --- | --- |
| **ORIGINATOR** | Chu Minh Hai |  |
|  | Developer |  |
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# INTRODUCTION

## Purpose

This is the Software Requirements Specification for the BSN system. This document will provide the describing of general requirement and non-functional requirements of our BSN system. The BSN is designed to be a social network website that help users sharing their thought, their feeling about the book they had read and connect people love book together. These requirements will assure that the system will correctly and reliably perform its intended functionality. This specification will provide general, as well as specific requirements to be used in the design, testing and validation of the system. It is intended for both stakeholders and the project team of the system.

## System purpose

Our project – BSN will include some main functions of existing social networks and add some new features such as create group, chat with the other by send messenger. With our hope, we want to make an environment for all who love book. People can make new friends by join in groups, share their favorite books and have new experiences together. We hope we can share all we have, and we hope people who loves book can be connected and easily share their recommendation about books.

## Definition and Acronyms

This section describes the definitions, terms, and acronyms that are used in software requirements specification.

|  |  |  |
| --- | --- | --- |
| **Acronym** | **Definition** | **Note** |
| BSN | Bookaholic Social Network |  |
| UC | Use Case |  |

Table 2: Definition and Acronyms

# OVERALL DESCRIPTION

## System overview

## Product features

|  |  |  |  |
| --- | --- | --- | --- |
| **UC No.** | **Group of functions** | **Functions** | **Glossary** |
| **READER/AUTHOR MODULE** | | | |
| **Account Management Module** | | | |
| UC001 |  | Login by registered account | Đăng nhập bằng tài khoản tự đăng ký |
| UC002 | Logout | Đăng xuất |
| UC003 | Register | Register for a normal account | Đăng ký tài khoản thường |
| UC004 | Register for an author account | Đăng ký tài khoản tác giả |
| UC005 |  | Edit profile | Chỉnh sửa thông tin cá nhân |
| UC006 |  | Reset password | Đặt lại mật khẩu |
| **Recommendation Management Module** | | | |
| UC007 | Manage post | Post a recommendation | Đăng bài giới thiệu về một cuốn sách: Người dùng bắt buộc phải tag một cuốn sách/tác giả như là chủ đề của bài viết |
| UC008 | Edit caption | Chỉnh sửa phần nội dung giới thiệu sách |
| Edit book tag | Chỉnh sửa tag sách đi kèm với bài post |
| UC009 | Delete post | Xóa bài đăng |
| UC010 | Like post | Thích một bài đăng |
| UC011 | Share post | Chia sẻ một bài đăng |
| UC012 | Manage comment | Comment on a post | Bình luận về một bài post |
| UC013 | Edit comment | Chỉnh sửa bình luận |
| UC014 | Delete comment | Xóa bình luận |
| UC015 | Like a comment | Thích một bình luận |
| **Interactions Management Module** | | | |
| UC016 | Interact with other accounts | Follow other account | Theo dõi một tài khoản khác |
| UC017 | Send message to other account | Gửi tin nhắn đến một tài khoản khác |
| UC018 | Report other account | Báo cáo vi phạm về một tài khoản khác |
| UC019 | Interact with groups | Send join-group request | Gửi yêu cầu tham gia vào một nhóm: Sau khi người dùng gửi yêu cầu, sẽ phải chờ quản trị viên của nhóm đó đồng ý yêu cầu vào nhóm. |
| UC020 | Out a group | Ra khỏi một nhóm |
| UC021 | Report a group | Báo cáo vi phạm về một nhóm |
| **Group Management Module** | | | |
| UC022 | Manage group | Create a group | Tạo nhóm: Người dùng tạo nhóm phải tag một quyển sách/tác giả như là chủ đề của nhóm đó |
| UC023 | Edit group profile | Chỉnh sửa thông tin về nhóm |
| UC024 | Manage group members | Add new members by enter account name | Thêm thành viên vào nhóm bằng cách nhập tên tài khoản |
| UC025 | Add new members by accept join-group request | Thêm thành viên vào nhóm bằng cách chấp nhận yêu cầu xin vào nhóm của thành viên đó |
| UC026 | Set another member to be admin | Cấp quyền quản trị cho thành viên khác |
| UC027 | Remove members | Loại một thành viên ra khỏi nhóm |
| UC028 | Manage group post | Create group posts | Đăng bài trong group: Người dùng không cần tag sách/tác giả |
| UC029 | Edit group posts | Chỉnh sửa bài đăng trong nhóm |
| UC030 | Delete group posts | Xóa bài đăng trong nhóm |
| **Other** | | | |
| UC031 |  | Rate a book | Bình chọn cho một cuốn sách |
| UC032 |  | Search book/author/other account | Tìm kiếm sách/tác giả/người dùng khác |
| UC033 |  | Suggest book/author | Giới thiệu sách/tác giả cho người dùng: Dựa trên danh sách những sách họ bình chọn, tác giả đang theo dõi |
| **ADMIN MODULE** | | | |
| UC034 | Manage user account | Search user |  |
| UC035 | Ban user | Cấm người dùng |
| UC036 | Unban user | Gỡ bỏ lệnh cấm |
| UC037 | Decline request about reporting an account/group | Hủy yêu cầu về báo cáo vi phạm |
| UC038 | Accept/decline request about creating author account | Chấp nhận/hủy yêu cầu về lập tài khoản tác giả |
| UC039 | Manage book | Add new book | Thêm sách |
| UC040 | Edit book's information | Chỉnh sửa thông tin sách |
| UC041 | Approve/decline requests about adding a book | Chấp nhận/hủy yêu cầu về thêm sách mới |
| UC042 | Manage slides | Add new slides | Thêm slide ảnh |
| UC043 | Delete sildes | Xóa slide ảnh |
| UC044 | Active/deactive a slide | Kích hoạt/hủy kích hoạt slide ảnh |
| UC045 | Show slides | Hiển thị các slide trên trang giới thiệu |
| UC046 | Edit index of slides | Thay đổi thứ tự hiển thị slider ảnh trên trang giới thiệu |
| UC047 | Manage publisher | Add new publishers | Thêm nhà xuất bản |
| UC048 | Edit publishers' information | Chỉnh sửa thông tin nhà xuất bản |
| UC049 | Delete publisher | Xóa nhà xuất bản |
| UC050 | View statistics | View statistic about users | Xem thông tin thống kê về người dùng thường: số lượng tài khoản cũ, số lượng tài khoản đăng ký mới, ... |
| View statistic about authors | Xem thông tin thống kê về tác giả: số lượng tài khoản cũ, số lượng tài khoản đăng ký mới, các tác giả đang được quan tâm nhất, … |
| View statistic about groups | Xem thông tin thống kê về các nhóm: số lượng nhóm cũ, số lượng nhóm mới đăng ký, tần suất hoạt động của nhóm, … |
| View statistic about books | Xem thông tin thống kê về sách: số lượng sách trong database, số lượng sách được thêm mới, những quyển sách đang được người dùng quan tâm nhất, … |
| View statistic about access times | Xem thông tin thống kê lượt truy cập |
| UC051 | Manage Group | Band a group | cấm 1 nhóm |
| UC052 | Unban a group | gỡ bỏ lệnh cấm nhóm |

Table 3: Product features

## User characteristics

This social networking website towards those who love book, looking for a website to share about their thought, finding groups where have people love book like them, recommend books they have read and making friends. There are two main actors that system support:

* **Readers & Authors:** Have account on system, they can use many functions of website. For example: Searching, posting, rating, connect to friends, etc.…
* **Administrators:** They have an Administrator control panel to manage all configuration of system.

## User documentation

## Assumptions and Dependencies

* Receive the guidance and good support from teacher.
* No one of member got sick in the software development process.
* In the development process, no device got fail.
* Every report meets the deadline.
* Team member do not conflict in the work process.

## Collection Relationship Model

### Collection-Relationship Diagram

### Collection Details

# FUNCTIONAL SPECIFICATION

## Business rules

## Use cases

### Reader/Author Module

#### 3.2.1.1. Account Management Module

##### 3.2.1.1.1. UC001-Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC001 | **Version** |  |
| **Use Case Name** | | Login by registered account | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | Registered User | **Secondary Actor** |  |
| **Description:** | | This function allows registered user login to the website | | |
| **Preconditions:** | | 1. User’s device must be connected to the Internet. 2. User browsed BSN website. 3. Account Register must be existed and correctly. 4. User are viewing login page: “Trang đăng nhập”. | | |
| **Trigger:** | | User enter BSN website | | |
| **Post conditions:** | | 1. Log user into system 2. Redirect user to next page and display as Member /or Author (if account ID is author ID) | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Browse to BSN website | | |
|  | BSN | Display “Trang đăng nhập” includes:   * Email textbox * Password textbox * Login button: “Đăng nhập” * Forgot password hyperlink * Account name textbox on register form * Email textbox on register form * Password textbox on register form * Author registers hyperlink: “Tác giả đăng ký” * Sign up button: “Đăng ký” | | |
|  | User | Enters email and password | | |
|  | User | Click “Đăng nhập” button | | |
|  | BSN | Logs user into system | | |
|  | BSN | Display next page as Member / or Author (if account ID is author ID) | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 3 in main flow, if user entered wrong “Email” or “Mật khẩu” | | | |
| **Step** | **Actor** | **Action** | | |
| 3.1 | BSN | Display Login popup message with ID MSG14 | | |
| 3.2 | BSN | Mark error fields | | |
|  | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

##### 3.2.1.1.2. UC002-Logout

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC002 | **Version** |  |
| **Use Case Name** | | Logout | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | Registered User | **Secondary Actor** |  |
| **Description:** | | This function use to logout the website | | |
| **Preconditions:** | | 1. BSN must be connected to the Internet 2. User browsed BSN website 3. User logged in to system | | |
| **Trigger:** | | User click “Đăng xuất” on dropdown list from setting icon in navigation bar | | |
| **Post conditions:** | | 1. Log user out from system. 2. Redirect user to “Trang đăng nhập” | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Click Logout | | |
|  | BSN | Display “Trang đăng nhập” | | |
| **Alternative Flows: N/A** | | | | |
| **Exceptions: N/A** | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

##### 3.2.1.1.3. Register

###### 3.2.1.1.3.1. UC003-Register for a normal account

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC003 | **Version** |  |
| **Use Case Name** | | Register for a normal account | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | Guest | **Secondary Actor** | N/A |
| **Description:** | | This function is use for guests who visit our website create their account | | |
| **Preconditions:** | | 1. Guest’s device is connecting internet 2. Guest are viewing Login page: “Trang đăng nhập” | | |
| **Trigger:** | | Fill information in register form then click on register button on the website | | |
| **Post conditions:** | | 1. Add account information to database 2. Send confirm email 3. Logs user into system 4. Redirect user to Homepage and display as Member | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Enter BSN website | | |
|  | BSN | Display “Trang đăng nhập” includes:   * Email textbox * Password textbox * Login button: “Đăng nhập” * Forgot password hyperlink * Account name textbox on register form * Email textbox on register form * Password textbox on register form * Author registers hyperlink: “Tác giả đăng ký” * Sign up button: “Đăng ký” | | |
|  | User | Fill information in register form on website | | |
|  | User | Click “Đăng ký” | | |
|  | BSN | Send confirm email | | |
|  | BSN | Logs user into system | | |
|  | BSN | Display “Trang chủ” as Member | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Step** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 4, required fields are not entered | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Display “Trang đăng nhập” with message: with ID MSG5 | | |
| 4.1 | BSN | Mark error fields | | |
|  | | | | |
| **EC2** | At step 4, fields are entered with wrong type of data | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Display “Trang đăng nhập” with message: with ID MSG6 | | |
| 4.2 | BSN | Mark error fields | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### 3.2.1.1.3.2. UC004-Register for an author account

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC004 | **Version** |  |
| **Use Case Name** | | Register for an author account | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | Guest | **Secondary Actor** |  |
| **Description:** | | This function use for guest register as an author. They have to send their identification image to prove themselves | | |
| **Preconditions:** | | 1. Guest’s device is connecting internet 2. Guest are viewing Author register page: “Trang tác giả đăng ký” | | |
| **Trigger:** | | Fill information in register form then click on register button on the website | | |
| **Post conditions:** | | 1. Add account information to database 2. Send confirm email 3. Logs user into system 4. Redirect user to Homepage and display as Member | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Enter BSN website | | |
|  | User | Click “Tác giả đăng ký” link | | |
|  | BSN | Display “Trang tác giả đăng ký” includes:   * Email textbox * Password textbox * Login button: “Đăng nhập” * Forgot password hyperlink * Account name textbox on register form * Email textbox on register form * Password textbox on register form * Choose file button * Sign up button: “Đăng ký” | | |
|  | User | Fill information in register form on website and upload an identification image | | |
|  | User | Click “Đăng ký” | | |
|  | BSN | Send confirm email | | |
|  | BSN | Logs user into system | | |
|  | BSN | Display “Trang chủ” as Author | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 4, required fields are not entered | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Display “Trang đăng nhập” with message: with ID MSG5 | | |
| 4.2 | BSN | Mark error fields | | |
|  | | | | |
| **EC2** | At step 4, fields are entered with wrong type of data | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Display “Trang đăng nhập” with message: with ID MSG6 | | |
| 4.2 | BSN | Mark error fields | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

##### 3.2.1.1.4. UC005-Edit profile

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC005 | **Version** |  |
| **Use Case Name** | | Edit profile | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function use for User when they want to change their information | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | | User click “Sửa thông tin” while in “Trang cá nhân” then click “Lưu” button | | |
| **Post conditions:** | | Edit information in database | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Click “Sửa thông tin” button while in “Trang cá nhân” page | | |
|  | BSN | Display “Trang sửa thông tin” page includes:   * Navigation bar * User profile panel * Side bars * User’s information | | |
|  | User | Click “Sửa” button | | |
|  | BSN | Display data entered and editable fields | | |
|  | User | Modifies fields | | |
|  | User | Click “Lưu” button | | |
|  | BSN | Display “Trang sửa thông tin” with entered information | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 5, fields are entered with wrong type of data | | | |
| **Step** | **Actor** | **Action** | | |
| 5.1 | BSN | Display “Trang sửa thông tin” with message: with ID MSG6 | | |
| 5.2 | BSN | Mark error fields | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

##### 3.2.1.1.5. UC006-Reset password

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC006 | **Version** |  |
| **Use Case Name** | | Reset password | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function use for reset user’s password whenever they forgot. | | |
| **Preconditions:** | | 1. BSN must be connected to the Internet 2. User browsed BSN website | | |
| **Trigger:** | | Click “Bạn quên?” hyperlink in Login page: “Trang đăng nhập” | | |
| **Post conditions:** | | Send confirm email | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Click “Bạn quên?” hyperlink in Login page: “Trang đăng nhập” | | |
|  | BSN | Display reset password popup included:   * Email text box * “Gửi” and “Đóng” buttons | | |
|  | User | Enter registered email | | |
|  | User | Click “Gửi” button | | |
|  | BSN | Sends confirm email | | |
|  | BSN | Close popup | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 3 in the main flow, user clicks on “Đóng” button | | | |
| **Step** | **Actor** | **Action** | | |
| 3.1 | BSN | Close pop-up | | |
|  |  |  | | |
| **AT2** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 4, entered email is invalid | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Displays Login popup with message: with ID MSG15 | | |
| 4.2 | BSN | Marks email text box | | |
|  | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

#### 3.2.1.2. Recommendation Management Module

##### 3.2.1.2.1. Manage post

###### 3.2.1.2.1.1. UC007-Post a recommendation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC007 | **Version** |  |
| **Use Case Name** | | Post a recommendation | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function is used when user (includes Reader and Author) want to post a recommendation | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website 3. User are viewing Home page: “Trang chủ” or Personal page: “Trang cá nhân” | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Enter Home page: “Trang chủ” or Personal page: “Trang cá nhân” | | |
|  | User | Click “Bạn đang nghĩ gì” text area and enter recommendation | | |
|  | User | Click “Gắn thẻ sách” button | | |
|  | BSN | Display “Gắn thẻ sách” popup | | |
|  | User | Click “Nhập thẻ sách” input and enter book’s name or author’s name | | |
|  | BSN | Search book’s name or author’s name in database then show results | | |
|  | User | Choose a tag | | |
|  | User | Click “Đăng” button | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 7 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 7.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **EC1** | At step 8, book’s tag does not chosen | | | |
| **Step** | **Actor** | **Action** | | |
| 8.1 | BSN | Display viewing page with message: with ID MSG5 | | |
| 8.2 | BSN | Mark error fields | | |
|  | | | | |
| **EC2** | At step 6, BSN system cannot search any book or author | | | |
| **Step** | **Actor** | **Action** | | |
| 6.1 | BSN | Display viewing page with message: with ID MSG6 | | |
| 6.2 | BSN | Mark error fields | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### UC008-Edit caption

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC008 | **Version** |  |
| **Use Case Name** | | Edit caption | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function is used when user (includes Reader and Author) want to edit caption of posted recommendation | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Viewing personal’s recommendation | | |
|  | User | Click “Chỉnh sửa bài viết” button in dropdown list in config icon. | | |
|  | BSN | Display recommendation with text area and book’s tag editable | | |
|  | User | Modifies caption | | |
|  | User | Click “Đăng” button | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  |  |  | | |
| **AT2** | At step 5 in the main flows, if caption is null | | | |
| **Step** | **Actor** | **Action** | | |
| 5.1 | BSN | Display “Bạn muốn xóa bài viết” popup | | |
| 5.2 | User | Choose “Có” or “Hủy” button | | |
| 5.3 | BSN | Redirects user to chosen hyperlink or button | | |
|  | | | | |
| **Exceptions:** | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### UC009-Edit book’s tag

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC009 | **Version** |  |
| **Use Case Name** | | Edit book’s tag | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function is used when user (includes Reader and Author) want to edit book’s tag of posted recommendation | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Viewing personal’s recommendation | | |
|  | User | Click “Chỉnh sửa bài viết” button in dropdown list in config icon. | | |
|  | BSN | Display recommendation with text area and book’s tag editable | | |
|  | User | Modifies book’s tag | | |
|  | User | Click “Đăng” button | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  |  |  | | |
| **Exceptions:** | | | | |
| **EC2** | At step 4, BSN system cannot search any book or author | | | |
| **Step** | **Actor** | **Action** | | |
| 6.1 | BSN | Display viewing page with message: with ID MSG6 | | |
| 6.2 | BSN | Mark error fields | | |
|  | | | | |
| **EC1** | At step 5, book’s tag does not chosen | | | |
| **Step** | **Actor** | **Action** | | |
| 8.1 | BSN | Display viewing page with message: with ID MSG5 | | |
| 8.2 | BSN | Mark error fields | | |
|  | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### UC010-Delete post

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC010 | **Version** |  |
| **Use Case Name** | | Delete post | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function use to remove a post | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Viewing personal’s recommendation | | |
|  | User | Click “Xóa bài viết” button in dropdown list in config icon. | | |
|  | BSN | Display “Bạn muốn xóa bài viết” popup | | |
|  | User | Click “Có” button | | |
|  | BSN | Delete chosen post | | |
|  | BSN | Refresh viewing page in real-time | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 3 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 3.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  |  |  | | |
| **AT2** | At step 3 in the main flows, if user click “Hủy” button | | | |
| **Step** | **Actor** | **Action** | | |
| 3.1 | BSN | Close popup | | |
|  |  |  | | |
| **Exceptions:** | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### UC011-Like post

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC011 | **Version** |  |
| **Use Case Name** | | Like post | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function use to like a post | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Viewing a post | | |
|  | User | Click “Like” button below caption | | |
|  | BSN | Display post has liked | | |
| **Alternative Flows** | | | | |
| **Exceptions:** | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |

###### UC012-Share post

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID** | | UC012 | **Version** |  |
| **Use Case Name** | | Share post | | |
| **Created by:** | | HaiCM | **Date Created:** | 22/11/2016 |
| **Primary Actor** | | User | **Secondary Actor** |  |
| **Description:** | | This function use to share a post | | |
| **Preconditions:** | | 1. User’s device is connecting internet 2. User logged in BSN website | | |
| **Trigger:** | |  | | |
| **Post conditions:** | |  | | |
| **Normal Flow** | | | | |
| **Step** | **Actor** | **Action** | | |
|  | User | Viewing a post | | |
|  | User | Click “Share” button below caption | | |
|  | BSN | Display “Share” popup includes:   * Text area to enter caption * Chosen post * “Đăng” button | | |
|  | User | Enter caption | | |
|  | User | Click “Đăng” button | | |
|  | BSN | Share chosen post | | |
|  | BSN | Display “Chia sẻ thành công” popup | | |
| **Alternative Flows** | | | | |
| **AT1** | At step 4 in the main flows, if user click other hyperlinks or buttons | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Redirects user to chosen hyperlink or button | | |
|  |  |  | | |
| **AT2** | At step 4 in the main flows, if user click close icon | | | |
| **Step** | **Actor** | **Action** | | |
| 4.1 | BSN | Close “Share” popup | | |
|  |  |  | | |
| **Exceptions:** | | | | |
| **Priority** | | High | | |
| **Frequency of Use:** | | High | | |
| **Business Rules:** | | N/A | | |
| **Other Information:** | | N/A | | |