|  |
| --- |
| **Ministry of education and training** |
| Software Requirement Specifications |
| Exchange Online |
|  |
| |  |  | | --- | --- | |  | | | **Group Members** |  | | **Supervisor** |  | | **Ext Supervisor** |  | | **Capstone Project code** |  | |
| **Hanoi, 26th Jan, 2011** |

**Record of Changes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Change Item** | **Description** | **By** | **Version** |
| 26/1/2011 | All | Create the document | HoaHM | 0.1 |
|  |  |  |  |  |

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# User Requirement Specification

# System Requirement Specification (Specific Requirements)

## External Interface Requirements

## System Features

### <Admin>View admin home page

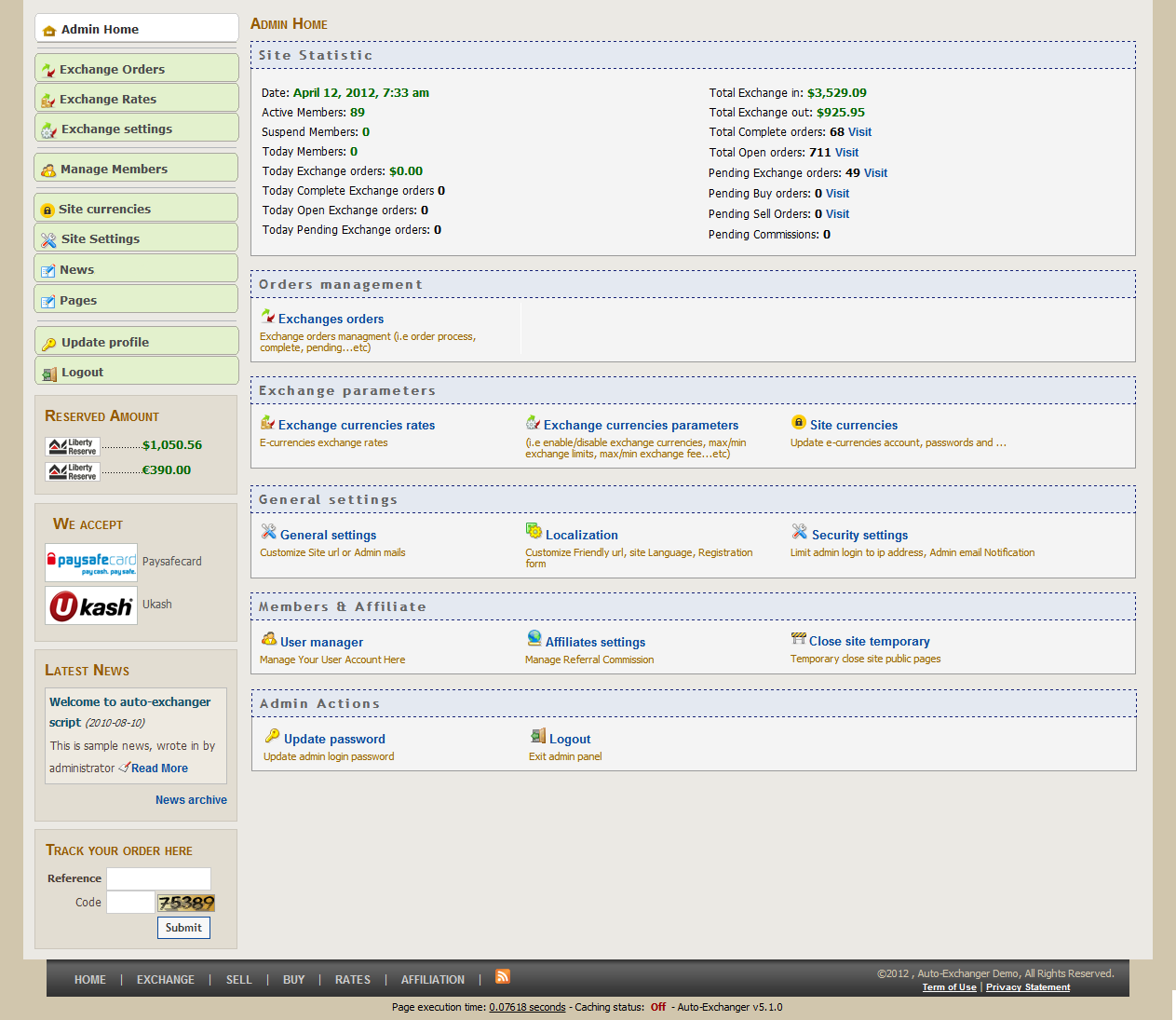
#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE - View admin home page SPECIFICATION** | | | | |
| **Use-case No.** | UC001 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View admin home page | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Admin  **Summary:**  After login into the website with admin role, system will redirect user to admin home page with full control and listing all of features that system has supported.This use-case also provide some statistic information and overview of backend.  **Goal:**  Allow admin to view all features for controlling system and some basic information  **Triggers**  Click on the MenuItem “Admin Home” or first time load.  **Preconditions:**  User logged into the system with admin role successfully.  **Post Conditions:**  System redirects user to the admin home page.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Login with role admin successfully | Redirect to Admin Home Page  Show all features and information |   **Relationships:**  Log in use case  **Business Rules:**  The same functions will be in same group on menu.  In the main part of home page, the page is devided into many parts.Every part will have some same functions. Every function has a small description below. | | | | |

**Screen**

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**Buttons / Hyper Links – Attach Place Page**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
| Exchange orders | This hyper will redirect user to Order management | Always available | No validations | Refer to Exchange Order Page |
| Exchange currencies rates | This hyper will redirect user to Exchanges Rates with updating rates function | Always available | No validations | Refer to Exchange Rates Page |
| Exchange ocurrencies parameter | This hyper will redirect user to Exchanges Settings with update all currencies and add new currency | Always available | No validations | Refer to Exchange Settings Page |
| Sites currencies rates | This hyper will redirect user to page that enable and configure the e-currencies admin wants to accept in | Always available | No validations | Refer to Manage Currencies info & passwords Page |
| General setting | This hyperlink will redirect user to page with tab Gerenal and admin can change the site url, site name… | Always available | No validations | Refer to Site Settings Page |
| Localization | This hyperlink will redirect user to page with tab Localization and admin can change language… | Always available | No validations | Refer to Site Settings Page |
| Security setting | This hyperlink will redirect user to page with tab Security and admin can change the login ip… | Always available | No validations | Refer to Site Settings Page |
| User manager | This hyperlink will redirect user to page and admin can view all user, view details of users… | Always available | No validations | Refer to Members management Page |
| Affiliates settings | This hyperlink will redirect user to page to Manage Referral Commission | Always available | No validations | Refer to Site Settings Page |
| Close site temporary | This hyperlink will redirect user to page to Temporary close site public pages | Always available | No validations | Refer to Site Settings Page |
| Update password | This hyperlink will redirect user to page to change her/his password | Always available | No validations | Refer to Update Profile |
| Log out | This hyperlink will allow for user log out from system | Always available | No validations | Refer to Home Page (default page without login) |

### <Admin>View Open Order

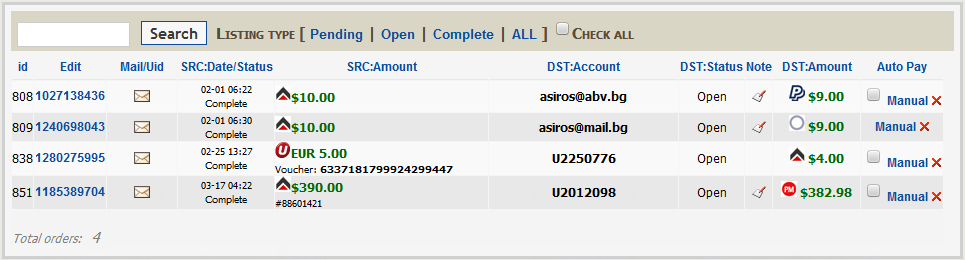
#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- View Open Order SPECIFICATION** | | | | |
| **Use-case No.** | UC002 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View Open Order | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Admin  **Summary:**  When the admin want system to show all the open order in the list.The list of order will be shown and the total number of orders will displayed in the bottom of list  **Goal:**  This use case allows admin view all of information of open order  **Triggers**  Click on the “Exchanges Orders” menu item or “Exchanges Orders” hyperlink  **Preconditions:**  Logged into the system successfully and open the admin home pages.  **Post Conditions:**  Redirected to Exchange orders Pending page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Admin click on the “Exchanges Orders” menu item | System displays Exchange Order Pending |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Admin click on the “Exchanges Orders” hyperlink | System displays Exchange Order Pending |     **Relationships:**  Log in use case, View admin home page use case  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Display only the the order with have status “Open” |  | | 2 | In the case there’s no have “Open Orders” | No Open Orders found. | | | | | |

**Screen**

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### <Admin>Search Order

#### Use Case Diagram

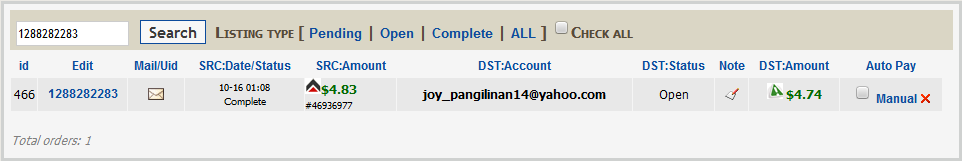


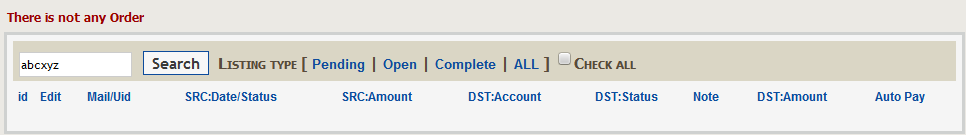
#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Search Order SPECIFICATION** | | | | |
| **Use-case No.** | UC003 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Search Order | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Admin  **Summary:**  When the information becomes very large and the admin cannot see exactly some orders.So the search function will help the admin narrow the result and return the result with inputted conditions.  **Goal:**  This use case allows the admin find out the result that he/she expected  **Triggers**  Click on the “Search” button  **Preconditions:**  Logged into the system successfully and open Exchange Order Pending page  **Post Conditions:**  Exchange Order page with results will be shown with the conditions that admin inputted  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Input into the the textbox the search condition |  | | 2 | Click on to “Search” button | The page will be refreshed and search result will be shown. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Input into the the textbox the search condition |  | | 2 | Press Enter key | The page will be refreshed and search result will be shown. |   **Exceptions:**  None  **Relationships:**  Log in use case, View Open Order  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | The search result will be shown with exactly according to inputted condition |  | | 2 | In the case these has no result with inputted conditions | Only show the header of grid and message error is “There is not any Order” | | 3 | Input nothing into search textbox and click “Search” button | Show all the results | | | | | |

**Screen**

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### <Admin>Filter Order (Listing type)

#### Use Case Diagram

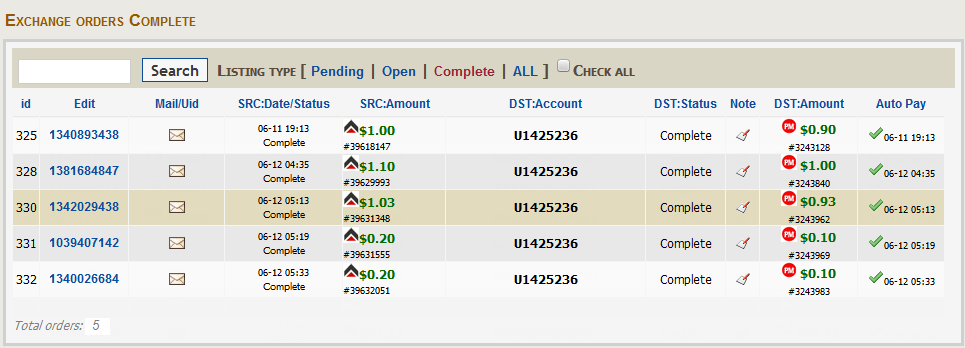


#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Filter Order (Listing type)SPECIFICATION** | | | | |
| **Use-case No.** | UC004 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Filter Order (Listing type) | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  This use case allows the admin narrow the list of Order  **Goal:**  Display the narrowed list of Order.  **Triggers**  Click on the button that displays the type of status  **Preconditions:**  User is in the Exchange Order Page  **Post Conditions:**  Display the search result in Exchange Order Page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on type of status | System displays the search result based on the clicked status |   **Exceptions:**  None  **Relationships:**  View Open Order  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Click on one of Status | The result will be shown based on the inputted status | | 2 | Click on “ALL” status | System will display all results. | | | | | |

**Screen**

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### <Admin>Delete Order

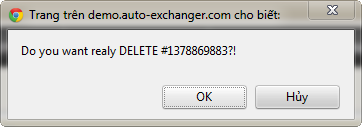
#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Delete Order SPECIFICATION** | | | | |
| **Use-case No.** | UC005 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Delete Order | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  This use case allows the actor delete one order  **Goal:**  Delete one orderfrom system  **Triggers**  Click on the “X” button on the grid  **Preconditions:**  Display the grid to admin  **Post Conditions:**  The deleted order will be removed in the grid  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on the “X” button of one record in the grid | The confirm popup message will be displayed. | | 2 | Click Yes button of confirmation box | The Exchange Order will refresh and deleted record won’t be shown anymore. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on the “X” button of one record in the grid | The confirm popup message will be displayed. | | 2 | Click No button of confirmation box | Nothing happens |   **Exceptions:**  In this case the order was be deleted by another user or system can not find this order.The error message will be shown to alert.  **Relationships:**  Log in use case, View Order  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Click on the “X” button of one record in the grid.After that, click on “Yes” button | The specified order will be deleted | | | | | |

**Screen**

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### <Admin>Edit Order

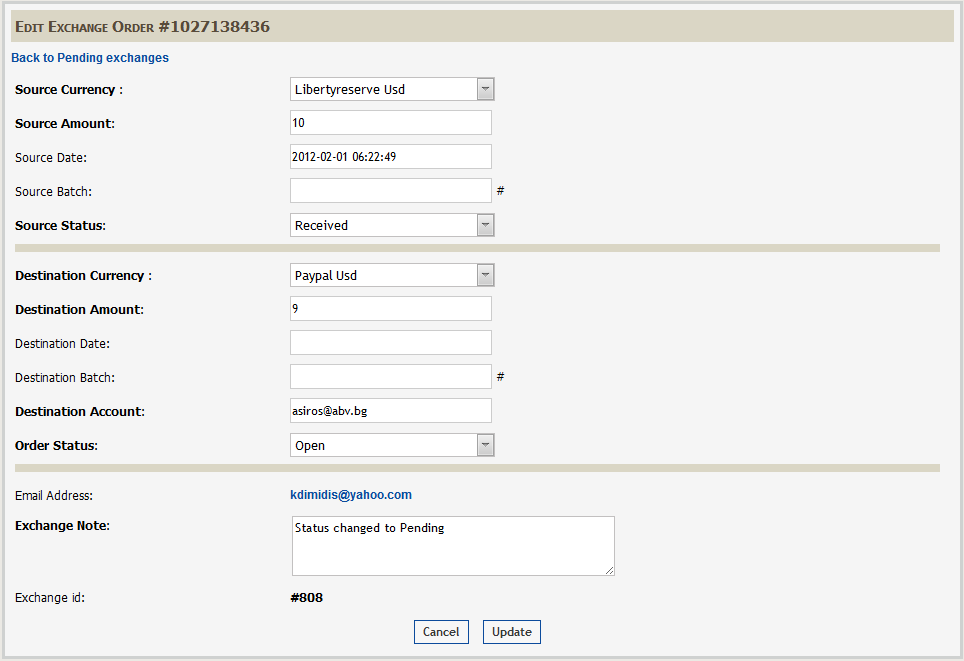
#### Use Case Diagram

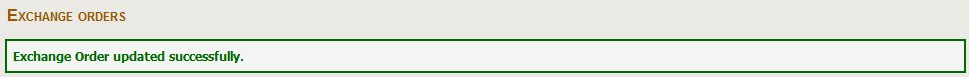


#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Edit Order SPECIFICATION** | | | | |
| **Use-case No.** | UC006 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Edit Order | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Admin  **Summary:**  This use case allows admin edit and updates some information of order.  **Goal:**  Edit and updates some information of order  **Triggers**  Click on the “Update” button on Edit Exchange Order page  **Preconditions:**  User is in the Edit Exchange Order page  **Post Conditions:**  Exchange Order page and message is displayed  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on the Order ID or Note of Order in grid | System redirects admin to Edit Exchange Order page | | 2 | Change some information of Order |  | | 3 | Click on button “Update” | The information of Order will be changed and the Exchange Order will refresh. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on the Order ID or Note of Order in grid | System redirects admin to Edit Exchange Order page | | 2 | Change some information of Order |  | | 3 | Click on button “Cancel” | The information of Order won’t be changed and the Exchange Order will refresh. |   **Exceptions:**  Error message will shown if update was interrupted or had some problems.  **Relationships:**  Log in use case, View Order  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Only the specified order will be updated with changed information |  | | 2 | In the case update specified order successfully | Display message: “Exchange order updated successfully” | | 3 | In the case deleted specified order failed | Display message: “Exchange order updated failed” | | | | | |

**Screen**

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### <Admin>Manually Pay Out

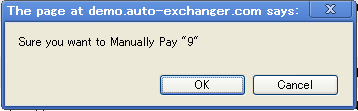
#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Manually Pay Out SPECIFICATION** | | | | |
| **Use-case No.** | UC007 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Manually Pay Out | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Admin  **Summary:**  When admin to pay out manually with specified order  **Goal:**  Pay out manually  **Triggers**  Click on “Manual” hyperlink on the grid  **Preconditions:**  Logged into the system successful and open Exchange Order  **Post Conditions:**  Exchange Order will be refreshed.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Manual” hyperlink | Show the popup message | | 2 | Click on “Yes” button of popup message | Redirect to the appropriate page to execute pay out manually |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Manual” hyperlink | Show the popup message | | 2 | Click on “No” button of popup message | Nothing happens |   **Exceptions:**  None  **Relationships:**  Log in use case, View Order  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Load the appropriate page with the source of Order |  | | | | | |

**Screen**



### <Admin>View Exchange Rates

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- View Exchange Rates SPECIFICATION** | | | | |
| **Use-case No.** | UC008 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View Exchange Rates | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  Senior user (with more than 1000 Contribution Point) or Administrations  **Summary:**  When the quality for current revision is worse than older revision or the place information is changed back, we can go back and set an older revision as current.  **Goal:**  Set a revision as current  **Triggers**  Click to “Đặt làm phiên bản hiện tại” button at Revision Detail popup  **Preconditions:**  Logged into the system successful and open a revision’s details popup.  **Post Conditions:**  Update revision state and still stay at Edit history Page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Đặt làm phiên bản hiện tại” button | Popup closes, revision state is changed to current revision |   **Alternative Scenarios:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Bỏ qua” button | Popup closes |   **Exceptions:**  None  **Relationships:**  Log in use case, Views edit history of a place, view a revision use case.  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | Rank of an user will be set based on the user’s contribution point (CP) |  | | 2 | Contribution Point (CP) is calculated as follow: **-** Starter point for every user is 10 point - Create a place: + 20 point - Your place get deleted: - 25 point |  | | 3 | For user has more than 1000 point (senior user): - Can edit a place directly - Can upload place’s image directly - Can approve suggested edit - Can approve suggested images  - Set a revision as current |  | | 4 | For user has less than 1000 point (junior user): - an revision of a place created by these users need approvals from senior users or admins to be displayed | “Bạn chưa đủ điểm để sử dụng chức năng này” | | | | | |

**Screen**



### <Admin>Update Exchange Rates

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Update Exchange Rates SPECIFICATION** | | | | |
| **Use-case No.** | UC009 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Update Exchange Rates | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  After a user performs searching for places, the result is returned containing the most basic information of the places. If the user wants to view more information of a place, he/she can navigate to the place details page. From this page, the user can interact with the place as well as other users. The user can rate the place, comment, edit, mark as spam… All information of the place is displayed here.  The place details page may be navigated from other locations other than the search result page. For example the “top places” list. In general, the details page may be accessed from anywhere that displays the place’s identity.  **Goal:**  Display the place details to the users, and allow the users to interact with the place as well as other users.  **Triggers**  Users click a place link from anywhere in the system  **Preconditions:**  Access the website  **Post Conditions:**  The page navigates to the details page with the place’s information displayed  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Searches for places by some criteria | Search result is returned | | 2 | Click a place link | The page navigates to the place details screen |   **Alternative Scenarios:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Tạo địa điểm” tab in navigator | Rdirect to Create Place page | | 2 | Fill in required fields |  | | 3 | Click “Tạo địa điểm” button | Redirect to Place Detail page of new place |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click an invalid place link | Display erro page inform the user that the pge doesn’t exsit |   **Relationships:**  Search places, View edit history of a place, Edit place location on map, Report an edit of other users on a place, Report a place as fake/spam, Mark a place as visited, Share a place on other social networks, Delete a place, Place response, User comment  **Business Rules:**  None | | | | |

**Screen**

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### <Admin>View active exchange settings

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – View active exchange settings SPECIFICATION** | | | | |
| **Use-case No.** | UC010 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View active exchange settings | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  This is one of the main functions of the system. Users can search for places by some criteria in order to find the best place suitable for their need. The criteria may include place category, distance, popularity… The search result will be filtered to support users find the right place as quick as possible.  The search function will include quick search and advanced search. Quick search is available to the user right from the home page and accept the most basic criteria like category and area. Advanced search will accept more criteria to help users filter search result more precisely.  **Goal:**  Search for places  **Triggers**  Users enter search criteria and click search button  **Preconditions:**  Access the website  **Post Conditions:**  The page navigates to search result screen with the result displayed  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enters place category to the search text box |  | | 2 | Clicks “Tìm kiếm” buton | Display search result |   **Alternative Scenario - Suggestion:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enters place category to the search text box | The system displays suggestions which have similar spellings with the text entered | | 2 | Chooses one of the suggestions |  | | 3 | Clicks “Tìm kiếm” button | Display search result |   **Alternative Scenario – Advanced Search**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Clicks “Tìm kiếm nâng cao” hyperlink | New region on the page is displayed with more search criteria inputs | | 2 | Enters search criteria |  | | 3 | Clicks “Tìm kiếm” button | Display search result |   **Alternative Scenario – No result**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter category which has no place belong to |  | | 2 | Clicks “Tìm kiếm” button | Display “Không tìm thấy địa điểm nào!” |   **Exceptions:**  N/A  **Relationships:**  None  **Business Rules:**  None | | | | |

**Screen**

### <Admin>View all exchange settings

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- View all exchange settings SPECIFICATION** | | | | |
| **Use-case No.** | UC011 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View all exchange settings | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  When user detect a place is fake, doesn’t exist or created by untrusted user or contains inappropriate content, he/she can report that place to the administrator and let administrator team handle it.  **Goal:**  This use case allows the actor report a place as fake/spam/inappropriate.  **Triggers**  Click to “Báo cáo vi phạm” hyperlink in the place’s details page.  **Preconditions:**  Successfully logged into the system and open place’s details page.  **Post Conditions:**  Stay remains at Place Detail page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Báo cáo vi phạm” hyperlink | System shows a popup to confirm and user can add more reason why this lace is reported. | | 2 | Click to “Báo cáo” button. | Display popup notify success message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 3 | Click to OK button | Popups close |   **Alternative Scenarios:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Reponse | | 1 | Click to “Báo cáo vi phạm” hyperlink | System shows a popup to confirm and user can add more reason why this place is reported. | | 2 | Enter reason |  | | 3 | Click to “Báo cáo” button. | Display popup notify success message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 4 | Click to OK button | Popups close |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Báo cáo vi phạm” hyperlink | System shows a popup to confirm and user can add more reason why this place is reported. | | 2 | Enter reason |  | | 3 | Click to “Bỏ qua” button. | Popup close |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Báo cáo vi phạm” hyperlink | System shows a popup to confirm and user can add more reason why this place is reported. | | 2 | Enter reason |  | | 3 | Click to “Báo cáo” button. | Display popup notify success message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 4 | Click to OK button | Popups close | | 5 | Click to “Báo cáo vi phạm” hyperlink | Display popup message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” |   **Relationships:**  Log in use case, View a place’s details use case.  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Message | | 1 | 1 place can only be reported by 1 user once |  | | | | | |

**Screen**

### <Admin>Add new currency

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE- Add new currency SPECIFICATION** | | | | |
| **Use-case No.** | UC012 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Add new currency | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  When visiting a place, user realize that he/she visited this place it is an interesting place. So it’s very convenient if he/she can click to “Đánh dấu đã từng đến” hyperlink and make this place more reliable.  **Goal:**  This use case allows the actor mark a place as visited.  **Triggers**  Click to “Đánh dấu đã từng đến” hyperlink in the place’s details page.  **Preconditions:**  Successfully logged into the system  **Post Conditions:**  Visited number is increased by 1, stay remain at Place Detail page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Đánh dấu đã từng đến” hyperlink. | Visited number is increased by 1 and a message is displayed “Địa điểm đã được đánh dấu.” |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to “Đánh dấu đã từng đến” hyperlink. | Visited number is increased by 1 and a message is displayed “Địa điểm đã được đánh dấu.” | | 2 | Click to “Đánh dấu đã từng đến” hyperlink. | a message is displayed “Địa điểm đã được đánh dấu.” |   **Relationships:**  Log in use case, View a place’s details use case.  **Business Rules:**   |  |  |  | | --- | --- | --- | |  | Business Rule | Error Mssage | | 1 | Each user has only 1 time to mark a place as visited. |  | | | | | |

**Screen**

### <Admin>Update currencies

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Update currencies SPECIFICATION** | | | | |
| **Use-case No.** | UC013 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Update currencies | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  When the user views information of a place, he/she can rate that place based on the usefulness of the information or his/her opinion about that place. The user only need move the mouse to the rating bar, choose rating and click. The user rating will be used to calculate the total rating of the place. User can change the rating by rate it again. The last rating time of the user will be used to calculate. The rating is from 1 to 5 stars.  **Goal:**  Rate a place from 1 to 5 stars  **Triggers**  Click to rating bar  **Preconditions:**  Successfully logged into the system and open a place detail page  **Post Conditions:**  Stay remains at current place page with a rating saved.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to rating bar at the decided rating | Rating is saved and displayed by number of star turn from white to orange. A message is displaed “Cảm ơn bạn đã đánh giá địa điểm này.” |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to rating bar at the decided rating | Rating is saved and displayed by number of star turn from white to orange. A message is displaed “Cảm ơn bạn đã đánh giá địa điểm này.” | | 2 | Click to rating bar again at new decided rating | Save the new user rating. A message is displaed “Cảm ơn bạn đã đánh giá địa điểm này.” |   **Exceptions: -**  **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | The rating of 1 place is average of all user rates |  | | 2 | The rating is from 1 to 5 stars. |  | | 3 | The user can only rate 1 place many times. The last rating will be count as the user’s rate |  | | | | | |

**Screen**

### <Admin>View all member

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Post a comment SPECIFICATION** | | | | |
| **Use-case No.** | UC014 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Post A Comment | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  When the user wants to express his/her opinion about how they feel about the place, the user can do it by post a comment. The user can enter whatever he/she would like to in comment box and click to “**Bình luận**” button to post it on a place detail page.    **Goal:**  Post a comment on a place page  **Triggers**  Click to comment textbox  **Preconditions:**  Successfully logged into the system and open a place detail page  **Post Conditions:**  Stay remain at current place page with a comment was added and displayed on top of comment area.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to comment text box | “Bình luận” and “Bỏ qua” button are visible | | 2 | Enter the content | - | | 3 | Click “**Bình luận”** button | Add user’s comment to comment area. User’s comment was put on top so that the user can see right away that his/her comment was posted |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Sep | Actor Action | System Response | | 1 | Click to comment text box | “Bình luận” and “Bỏ qua” button are visible | | 2 | Enter the content | - | | 3 | Click “**Bỏ qua”** button | Clear comment box, 2 buttons are hidden |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to comment text box | “Bình luận” and “Bỏ qua” button are visible | | 2 | Click “**Bình luận”** button | Nothing happen |   **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | A comment with blank content won’t be posted |  | | | | | |

**Screen**

### <Admin>Filter member

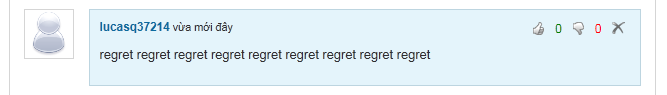
#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Filter member SPECIFICATION** | | | | |
| **Use-case No.** | UC015 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Filter member | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  When the user post a double comment or post something that he/she regrets later, the user can delete it from comment area so no one can see what he/she just posted or avoid get reported as spam. He/ she can move the mouse to his/her comment then click to a button with X symbol just appear to delete the comment.  **Goal:**  Delete your comment from comment area.  **Triggers**  Move the mouse to your comment and click to a button with X symbol  **Preconditions:**  Successfully logged into the system and open a place detail page  **Post Conditions:**  Stay remain at current place page with a comment was deleted from comment area.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to your comment | A button with X symbol appear | | 2 | Click to X button | The comment disappear from comment area |   **Alternative Scenario:**  None  **Exceptions: -**  **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | You can only delete your own comment |  | | | | | |

**Screen**

****

**Buttons / Hyper Links**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
| Delete a comment | This button is displayed with a X symbol and it is used to delete the comment from comment area | It will be showed when user move the mouse pointer to his/her comment | No validation | The comment is deleted from comment area |
| Vote up | This button is displayed with thumb up symbol and it is used to vote up for a comment | It will be showed when user move the mouse pointer to a comment | No validation | Vote up number is increased by 1, thumb up symbol turn into green |
| Vote down | This button is displayed with thumb down symbol and it is used to vote down for a comment | It will be showed when user move the mouse pointer to a comment | No validation | Vote down number is increased by 1, thumb down symbol turn into red |

### <Admin>Search member

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Search member SPECIFICATION** | | | | |
| **Use-case No.** | UC016 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Search member | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  When the user see a good/bad comment, they want to do something to show that they like it or hate it. The user can do that. They can vote a comment by move the mouse to desired comment and click to button with thumb up symbol if they like it or button with thumb down symbol if they hate it.  **Goal:**  Vote up for comment you like or vote down for comment you hate.  **Triggers**  Move the mouse to a comment and click to button with thumb up symbol or button with thumb down symbol  **Preconditions:**  Successfully logged into the system and open a place detail page  **Post Conditions:**  Stay remain at current place page with a comment was voted.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb up button | Change the color of thumb up button (from white color to green color), vote up number is increased by 1 |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb down button | Change the color of thumb down button (from white color to red color), vote down comment is increased by 1 |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb up button | Change the color of thumb up button (from white color to green color), vote up number is increased by 1 | | 3 | Click to thumb up button again | Nothing happen |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb down button | Change the color of thumb down button (from white color to red color), vote down comment is increased by 1 | | 3 | Click to thumb down button again | Nothing happen |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb up button | Change the color of thumb up button (from white color to green color), vote up number is increased by 1 | | 3 | Click to thumb down button | Thumb up symbol turn back into white, thumb down symbol turn into red, vote up number is decreased by 1, vote down number is increased by 1 |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be voted | Button with thumb up symbol and button with thumb down symbol appear | | 2 | Click to thumb down button | Change the color of thumb down button (from white color to red color), vote down comment is increased by 1 | | 3 | Click to thumb up button | Thumb down symbol turn back into white, thumb up symbol turn into green, vote down number is decreased by 1, vote up number is increased by 1 |   **Exceptions:**  **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | Each account can only vote up or vote down and only increased vote number by 1 per comment |  | | | | | |

**Screen**

### <Admin>View detail member

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – View detail member SPECIFICATION** | | | | |
| **Use-case No.** | UC017 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View detail member | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | Normal | |
| **Actor:**  User  **Summary:**  Each time the user vote for a comment, the vote will be counted. 2 comments which have most votes up and will be highlighted and put up on top of comment box. The user can see them and vote for them as normal comment. The highlight comment area will be displayed as the user open a place detail page.  **Goal:**  Show 2 most vote up comments  **Triggers**  Open a place detail page  **Preconditions:**  Access the website  **Post Conditions:**  Stay remains at place detail page  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Open an place detail place | Display 2 most vote up comments on top of comment box |   **Alternative Scenario:**  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Open an place detail place which has no comment has vote up | The highlight comment area is hidden |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Open an place detail place which has only 1 comment has vote up | Display only 1 most vote up comments on top of comment box |   **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | Only 2 most vote up comment will be highlighted and put up on highlight comment area |  | | 2 | Highlighted comments can be treated as normal comment |  | | | | | |

**Screen**

### <Admin>Update member

#### Use Case Diagram



#### Use Case Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE – Update member SPECIFICATION** | | | | |
| **Use-case No.** | UC018 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Update member | | | |
| **Author** | HoaHM | | | |
| **Date** | 13/04/2012 | **Priority** | High | |
| **Actor:**  User  **Summary:**  When the user sees someone is spamming by posting many comment with nonsense, unrelated inappropriate or advertising content, they can report it. The user must move the mouse to spam comment and click to button with flag symbol. The comment will be deleted manually by admins when they review the comment.  **Goal:**  Report a comment as spam or inappropriate.  **Triggers**  Move the mouse to a comment and click to button with flag symbol  **Preconditions:**  Successfully logged into the system and open a place detail page  **Post Conditions:**  Stay remain at current place page with a comment was reported.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be reported | A button with flag symbol appears | | 2 | Click to flag button | Popup a window | | 3 | Click to “Báo cáo” button | Popup a message “Báo cáo vi phạm hoà tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 4 | Click OK | Popups close |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be reported | A button with flag symbol appears | | 2 | Click to flag button | Popup a window | | 3 | Enter reason |  | | 4 | Click to “Báo cáo” button | Popup a message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 5 | Click OK | Popups close |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be reported | A button with flag symbol appears | | 2 | Click to flag button | Popup a window | | 3 | Enter reason with more than 100 characters |  | | 4 | Click to “Báo cáo” button | Popup a message “Lý do không dài quá 100 ký tự.” | | 5 | Click OK | Wanring popup closes, report popup still opens |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be reported | A button with flag symbol appears | | 2 | Click to flag button | Popup a window | | 3 | Enter reason |  | | 4 | Click to “Bỏ qua” button | Popup closes |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Move the mouse to the comment needed to be reported | A button with flag symbol appears | | 2 | Click to flag button | Popup a window | | 3 | Enter reason |  | | 4 | Click to “Báo cáo” button | Popup a message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” | | 5 | Click OK | Popups close | | 6 | Click to flag button again | Popup a message “Báo cáo vi phạm hoàn tất! Ban quan trị sẽ kiểm tra lại trong thời gian sớm nhất.” |   **Exceptions: -**  **Relationships:**  Log in use case  **Business Rules:**   |  |  |  | | --- | --- | --- | | **No** | **Rule Description** | **Error Message** | | 1 | Each user can only report 1 comment once |  | | | | | |

**Screen**

# References