# Introduction

## System Overview

This document describes the approach and methodologies used by the testing group to plan, organize and manage the testing of this system. It describes implementation details of test cases or technical details of how the product features should work.

The system will be tested is also the system our team are currently developing. This system is developed based on MVC3 framework. It is a website using for sharing places between internet users. The system has similarities with other social network.

## Test Approach

The testing for this project will consist of Unit, System/Integration (combined) and Acceptance test levels. It is hoped that there will be at least one full time independent test person for system/integration testing. Most testing will be done by the test manager with the development team’s participation.

Unit Testing will be done by the developers and will be approved by the implementing team leader. All unit test information (sample, output, data printouts, and defect information…) will be managed by developers and it must be showed when team required.

System/Integration Testing will be performed by the test manager and implementing team leader with assistance from the individual developers as required.

Acceptance Testing will be performed by the test manager and development team leader. The acceptance test will be done for a period of 2 weeks after completion of the System/Integration test process. Programs will enter into Acceptance test after all critical and major defects have been corrected. A program may have one major defect as long as it does not obstruct testing of the program (There is a work around for the error). Prior to final completion of acceptance testing all open critical and major defects must be corrected.

# Test Plan

## Features to be tested

* 1. **Login**
* Test all cases when User or Admin log into system.
  1. **View detail of post**
* Test all cases when User wants to view topic detail.
  1. **Search post**
* Test all cases when User use normal search and advanced search topic function.
  1. **Compare posts**
* Test all cases when User wants to compare two topics together.
  1. **View recent posts**
* Test all cases when User re-view recent topic.
  1. **Create new post**
* Test all cases when User or Admin wants to create new/share topic.
  1. **Edit posts**
* Test all cases when User wants to edit own topic.
  1. **Renew posts**
* Test all cases when User wants to refresh own topic.
  1. **Delete posts**
* Test all cases when User wants to delete own topic.
  1. **Add topic to favorite list**
* Test all cases when User add topic to favorite list.
  1. **Report post**
* Test all cases when User report topic.
  1. **Manage User’s Profile**
* Test all cases when User wants to manage profile.
  1. **Manage favorite**
* Test all cases when User wants to manage favorite.
  1. **View list created posts**
* Test all cases cases when User wants to view list created topic.
  1. **Logout**
* Test all cases when User or Admin log out of system.
  1. **<Admin> Manage user**
* Test all cases when Admin wants to view, search, edit user.
  1. **<Admin> Manage locations**
* Test all cases when Admin wants to view, create, and delete locations.
  1. **<Admin> Manage posts**
* Test all cases when Admin wants to manage posts.
  1. **<Admin> Manage report posts**
* Test all cases when Admin wants to manage report posts.

## Features not to be tested

The following is a list of the areas that will not be tested in this system:

* 1. **Admin manage comment by yahoo, facebook, aol, hostmail account**
* This function has supported by Facebook API, it must be test done by Facebook’s tester.
  1. **Network connected and security**
* With each user, it will be different. We only ensure that this system will affect to network.
  1. **Performance**

There wasn’t enough time so we can’t optimize source code and improve performance. We can only ensure the system work well but not at its best performance.









# Test Cases

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| --- | --- | --- | --- | --- | --- | --- |
| **Test case ID** | **Test case Title** | **Test procedure** | **Expected result** | **Result** | **Test date** | **Assign** |
|  | **User / Admin login** |  |  |  |  |  |
|  | - User role: all users - Pre-condition: User must be have account of Facebook, Gmail, Yahoo | | |  |  |  |
| [UC\_1] | Login the system with Facebook account at the first time successfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button "Log In with FaceBook". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Facebook. 3. Redirect to Home page. In the top right of page, show nick name of Facebook has used login. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_2] | Login the system with Gmail account at the first time successfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button "Log In with Gmail". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Facebook. 3. Redirect to Home page. In the top right of page, show nick name of Gmail has used login. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_3] | Login the system with Yahoo mail account at the first time successfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button "Log In with Yahoo mail". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Facebook. 3. Redirect to Home page. In the top right of page, show nick name of Gmail has used login. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_4] | Login the system successful at the first time when user had logined Facebook before. | 1. Click to "Đăng nhập" button 2. Click on button "FaceBook". | 1. Redirect to login page and display window box require access login RHF website by account Facebook. 2. Redirect to Home page. In the top right of page, show email of Facebook has used login. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_5] | Login the system successful at the first time when user had logined Gmail before. | 1. Click to "Đăng nhập" button 2. Click on button "Gmail". | 1. Redirect to login page and display window box require access login RHF website by account Facebook. 2. Redirect to Home page. In the top right of page, show email of Gmail has used login. |  | 25-Mar-2013 | BichTT01501 |
| [UC\_6] | Login the system successful at the first time when user had logined Yahoo mail before. | 1. Click to "Đăng nhập" button 2. Click on button "Yahoo". | 1. Redirect to login page and display window box require access login RHF website by account Facebook. 2. Redirect to Home page. In the top right of page, show email of Yahoo mail has used login. |  | 25-Mar-2013 | BichTT01501 |
| [UC\_7] | Login the system with Facebook account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button “Cancel". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Facebook. 3. Close window box and redisplay login page. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_8] | Login the system with Gmail account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button “Cancel". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Gmail  3. Close window box and redisplay login page. |  | 25-Mar-2013 | BichTT01501 |
| [UC\_9] | Login the system with Yahoo account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button 3. Click on button “Cancel". | 1. Redirect to login page and display pop-up login, require user input email and password. 2. Display window box require access login RHF website by account Yahoo. 3. Close window box and redisplay login page. |  | 25-Mar-2013 | BichTT01501 |
| [UC\_10] | Re-login the system after user changed profile and log-out | 1. Click to "Đăng nhập" button.  2. Click to nick name of the top of right page. | 1. Re-loading Home page. In the top right of page.  2. Display Manage profile page and show changed data. | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_11] | Login with Facebook account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input invalid email or password and click to "Log in" button | 1. Redirect to login page and display Pop-up login, require user input email and password. 2. Re-Display Pop-up login with one require: "Please re-enter your password". | Pass | 25-Mar-2013 | BichTT01501 |
| [UC\_12] | Login with Gmail account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input invalid email or password and click to "Log in" button | 1. Redirect to login page and display Pop-up login, require user input email and password. 2. Re-Display Pop-up login with one require: "Please re-enter your password". |  | 25-Mar-2013 | BichTT01501 |
| [UC\_13] | Login with Yahoo mail account at the first time unsuccessfully | 1. Click to "Đăng nhập" button 2. Input invalid email or password and click to "Log in" button | 1. Redirect to login page and display Pop-up login, require user input email and password. 2. Re-Display Pop-up login with one require: "Please re-enter your password". |  | 25-Mar-2013 | BichTT01501 |
| [UC\_14] | Login the system unsuccessful at the first time when user had logined Facebook before. | 1. Click to "Đăng nhập" button 2. Click on button "Cancel". | 1. Redirect to login page and display window box require access login RHF website by account Facebook. 2. Close window box and redisplay login page. | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_15] | Login the system unsuccessful at the first time when user had logined Gmail before. | 1. Click to "Đăng nhập" button 2. Click on button "Cancel". | 1. Redirect to login page and display window box require access login RHF website by account Gmail. 2. Close window box and redisplay login page. | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_16] | Login the system unsuccessful at the first time when user had logined Yahoo before. | 1. Click to "Đăng nhập" button 2. Click on button "Cancel". | 1. Redirect to login page and display window box require access login RHF website by account Yahoo. 2. Close window box and redisplay login page. | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_17] | Admin login admin page successful | Pre- con: Admin access system from admin page 1. Input valid data and click "Đăng nhập" button. | 1. Redirect to admin page | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_18] | Admin login admin page unsuccessful | Pre- con: Admin access system from admin login page 1. Input invalid data and click "Đăng nhập" button. | 1. Reload admin login page and require user input valid account and password | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_15] | Admin login admin page successful | Pre- con: Admin access system from admin page 1. Input valid data and click "Log-in" button. | 1. Reload login page and display message: "Tài khoản của bạn đã bị khoá!" | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_19] | User login unsuccessful | 1. Click to "Đăng nhập" button 2. Input valid email and password and click to "Đăng nhập" button | 1. Redirect to login page and require user input email and password. 2. Redirect to login page with message "Tài khoản của bạn đã bị khóa!" | Pass | 30-Mar-2013 | BichTT01501 |

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|  | **User / Admin logout** |  |  |  |  |  |
|  | - User role: all users - Pre-condition: User must be Login into the system successfully | | |  |  |  |
| [UC\_1] | User logout successfully | 1. User clicks on "Thoát" button on top right of website. | 1. Redirect to Home page, require user to log in. | Pass | 30-Mar-2013 | BichTT01501 |
| [UC\_2] | Admin logout account successfully from admin page | 1. Admin clicks on "Thoát" button on top right of admin page. | 1. Redirect to Home page, require user to log in. | Pass | 30-Mar-2013 | BichTT01501 |

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|  | **User manage profiles** |  |  |  |  |  |
|  | - User role: Member - Pre-condition: User must be Login into the system | | |  |  |  |
| [UC\_1] | User view his/her profile at the first time | 1. Click on user name display in top right side of website. | 1. System display "Thông tin tài khoản" tab beside "Quản lý bài đăng" with default information. | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_2] | User edit email/phone no/name or address information display successfully | 1. Click on user name display in top right side of website. 2. System display "Thông tin tài khoản" with edited information. | 1. System display information of"Thông tin tài khoản" tab beside "Quản lý bài đăng".  2. Data saved successfully, System reload "Thông tin tài khoản" page with new edited information. | Pass | 4-April-2013 | BichTT01501 |
| [UC\_3] | User edit email/phone number /name or address information display unsuccessfully | 1. Click on user name display in top right side of website. 2. Input blank phone no will display into "Số điện thoại" field and then click on button ""Lưu thay đổi". | 1. System display information of "Thông tin tài khoản" tab. 2. Error message box display "Bạn cần nhập số điện thoại" and no any data saved. | Pass | 4-April-2013 | BichTT01501 |
|  | User login by Facebook account and edit email/phone no/name or address information display successfully | 1. Click on user name display in top right side of website.  2. System display "Thông tin tài khoản" with edited information. | 1. System display information of"Thông tin cá nhân" tab beside "Quản lý bài đăng".  2. Data saved successfully, System reload "Thông tin tài khoản" page with new edited information. |  |  |  |
|  | User logined by Gmail and edit email/phone no/name or address information display successfully | 1. Click on user name display in top right side of website.  2. System display "Thông tin tài khoản" with edited information. | 1. System display information of"Thông tin cá nhân" tab beside "Quản lý bài đăng".  2. Data saved successfully, System reload "Thông tin tài khoản" page with new edited information. |  |  |  |
|  | User login by Yahoo and edit email/phone no/name or address information display successfully | 1. Click on user name display in top right side of website.  2. System display "Thông tin tài khoản" with edited information. |  |  |  |  |
|  | User logined by Facebook and edit email/phone no/name or address information display unsuccessfully |  |  |  |  |  |
|  | User logined by Gmail and edit email/phone no/name or address information display unsuccessfully |  |  |  |  |  |
|  | User logined by Yahoo edit email/phone no/name or address information display unsuccessfully |  |  |  |  |  |
|  | User change password successfully | 1. Click on user name display in top right side of website.  2. System display “Thông tin tài khoản” information.  3. Click on “Đổi mật khẩu” button and input right old password and input new password with 8 or more than 8 characters in “Mật khẩu mới” textbox. |  |  |  |  |
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| [UC\_3] | User edit edit email/phone no/name or address information display unsuccessfully | 1. Click on user name display in top right side of website. 2. Input blank phone no will display into "Số điện thoại" field and then click on button ""Lưu thay đổi". | 1. System display information of "Thông tin tài khoản" tab. 2. Error message box display "Bạn cần nhập số điện thoại" and no any data saved. | Pass | 31-Mar-2013 | BichTT01501 |

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|  | **User manage favorite** |  |  |  | |  |  |
|  | - User role: User - Pre-condition: - User must be Logined to website successfully | | |  | |  |  |
| [UC\_1] | User view "Danh sách quan tâm" information successful | 1. Clicks on user name display in top right side of website. 2. Clicks on tab "Danh sách quan tâm" in top of website. | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Page is displayed information of "Danh sách quan tâm". | Pass | 31-Mar-2013 | | BichTT01501 |
|  |  | 1. Clicks on hyperlink display near by username in the top of side of website | 1.  2. …..displayed information of “Danh sách quan tâm” |  |  | |  |
| [UC\_2] | User view detail one topic in "Danh sách quan tâm" page | 1. Clicks on user name display in top right side of website. 2. Clicks on tab "Danh sách quan tâm”.  3. Click on tilte of one topic in "Danh sách quan tâm" page | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Page is displayed information of "Danh sách quan tâm". 3. Page is displayed information detail of topic | Pass | 31-Mar-2013 | | BichTT01501 |
| [UC\_3] | User delete one or more two topic in "Danh sách quan tâm" page successfully | 1. Clicks on user name display in top right side of website. 2. Clicks on tab "Danh sách quan tâm”.  3. Click on the checkbox one or more two topic and then click on the button "Xóa". | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Page is displayed information of "Danh sách quan tâm". 3. Choiced topics are deleted. | Pass | 31-Mar-2013 | | BichTT01501 |
| [UC\_4] | User delete all topic in "Danh sách quan tâm" page successfully | 1. Clicks on user name display in top right side of website. 2. Clicks on tab "Danh sách quan tâm". 3. Click on the checkbox to select all topics and then click on the button "Xóa". | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Page is displayed information of "Danh sách quan tâm". 3. All topics are deleted. | Pass | 31-Mar-2013 | | BichTT01501 |
| [UC\_5] | User delete no topic in "Danh sách quan tâm" page | 1. Clicks on user name display in top right side of website. 2. Clicks on tab "Danh sách quan tâm"  3. Click on the button "Xóa". | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Page is displayed information of "Danh sách quan tâm". 3. No topic had deleted | Pass | 31-Mar-2013 | | BichTT01501 |

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|  | **User view list created posts** | |  |  |  |  |
|  | - User role: User - Pre-condition: - User must be Logined to website successfully  - User must be access to profile page | | |  |  |  |
| [UC\_1] | User view "Quản lý bài đăng" information | 1. Clicks on user name display in top right side of website 2.Clicks on tab "Quản lý bài đăng" tab. | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Displayed "Quản lý bài đăng" page with list post created. | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_2] | User view "Quản lý bài đăng" information by URL | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Displayed "Quản lý bài đăng" page with list topic created. | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_3] | User view detail one topic in "Quản lý bài đăng" page | 1. Clicks on user name display in top right side of website 2.Clicks on tab "Quản lý bài đăng". 3. Click on tilte of one topic in "Quản lý bài đăng" page | 1. Page is displayed with 5 tabs "Thông tin tài khoản", "  Quản lý bài đăng", “Tin nhắn”, “Lịch sử giao dịch” and "Danh sách quan tâm". 2. Displayed "Quản lý bài đăng" page with list topic created. 3. Displayed detail information of topic | Pass | 31-Mar-2013 | BichTT01501 |

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|  | **User view detail of post** |  |  |  |  |  |
|  | - User role: Vistor / User/ Admin - Pre-condition: - Visitor must be access to website successfully  - User must be login successfully  - Admin must be login with admin role | | |  |  |  |
| [UC\_1] | Vistor view detail post successfully by click on the title of topic from search result. | 1. Vistor accesses the website. 2. Vistor clicks on the title of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures,hyperlink add to favorite, report) | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_2] | Vistor view detail topic successfully by click on the image of topic from home page. | 1. Vistor accesses the website. 2. Vistor clicks on the title of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures,hyperlink add to favorite, report) | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_3] | Vistor view topic successfully by URL | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Corresponding topic was displayed with full content (details content, map, pictures, hyperlink add to favorite, report) | Pass | 31-Mar-2013 | BichTT01501 |
|  | User add post to favourite list successfully | Pre-cond: User must login to the system successfully  1.  2. |  |  |  |  |
|  | User add post to favourite list unsuccessfully |  |  |  |  |  |
|  |  |  |  |  |  |  |
| [UC\_4] | Vistor view topic unsuccessfully incase topic was Hidden (automatically by system) | Pre-cond: Copy URL of post 1. Paste post's URL into address bar of browser then press Enter | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_5] | Vistor view topic unsuccessfully incase topic was Hidden (automatically by system) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_6] | Vistor view topic unsuccessfully incase topic was Hidden (by Admin) | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_7] | Vistor view topic unsuccessfully incase topic was Hidden (by Admin) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_8] | Vistor view topic unsuccessfully incase topic was Delete by admin | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_9] | Vistor view topic unsuccessfully incase topic was Delete by admin | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_10] | Vistor view topic unsuccessfully incase topic was Delete by Owner of topic | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_11] | Vistor view topic unsuccessfully incase topic was Delete by Owner of topic | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_12] | User view detail topic successfully by click on the title of topic. | 1. User login to the website. 2. User clicks on the title of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures,hyperlink add to favorite, report ) | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_13] | User view detail topic successfully by click on the image of topic. | 1. User login to the website. 2. User clicks on the title of desired post. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures,hyperlink add to favorite, report ) | Pass | 31-Mar-2013 | BichTT01501 |
|  | User send question successfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input content in “Tiêu để” and “Nội dung” textbox.  4. User click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Câu hỏi đã được gửi đi” |  |  |  |
|  | User send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Tiêu đề”, “Nội dung” and leaves “Email” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập email để liên lạc” |  |  |  |
|  | User send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Email”, “Tiêu đề” and leaves “Nội dung” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập nội dung” |  |  |  |
|  | User send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Email”, “Nội dung” and leaves “Tiêu đề” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập tiêu đề” |  |  |  |
|  | User send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User leaves “Email”, “Tiêu đề” and “Nội dung” textbox blank in “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập email để liên lạc”, “Xin vui lòng nhập tiêu đề” and “Xin vui lòng nhập nội dung” |  |  |  |
|  | Guest send question successfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input content in “Tiêu để” and “Nội dung” textbox.  4. User click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Câu hỏi đã được gửi đi” |  |  |  |
|  | Guest send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Tiêu đề”, “Nội dung” and leaves “Email” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập email để liên lạc” |  |  |  |
|  | Guest send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Email”, “Tiêu đề” and leaves “Nội dung” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập nội dung” |  |  |  |
|  | Guest send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User input “Email”, “Nội dung” and leaves “Tiêu đề” textbox blank of “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập tiêu đề” |  |  |  |
|  | Guest send question unsuccessfully. “Hỏi đáp” function. | 1. User login to the website  2. User clicks on the title of desired post.  3. User leaves “Email”, “Tiêu đề” and “Nội dung” textbox blank in “Hỏi đáp” part  4. Click on “Gửi câu hỏi” button | 1. Home page is displayed  2. Selected post was displayed in pop up with full content. (details content, map, pictures,hyperlink add to favorite, report )  3. Website get user’s input and displayed in “Hỏi đáp” part.  4. Website send a message “Xin vui lòng nhập email để liên lạc”, “Xin vui lòng nhập tiêu đề” and “Xin vui lòng nhập nội dung” |  |  |  |
| [UC\_16] | User view topic successfully by URL | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed with full content (details content, map, pictures,hyperlink add to favorite, report ) | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_17] | User view topic unsuccessfully incase topic was Hidden (automatically by system when post is expired) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_18] | User view topic unsuccessfully incase topic was Hidden (automatically by system when post is expired) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_19] | User view topic unsuccessfully incase topic was Hidden (by Admin ) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_20] | User view topic unsuccessfully incase topic was Hidden (by Admin ) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_21] | User view topic unsuccessfully incase topic was Hidden (by Owner of topic ) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_22] | User view topic unsuccessfully incase topic was Hidden (by Owner of topic ) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 31-Mar-2013 | BichTT01501 |
| [UC\_23] | User view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_24] | User view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_25] | User view topic unsuccessfully incase topic was Delete by Owner of topic. | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_26] | User view topic unsuccessfully incase topic was Delete by Owner of topic. | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_27] | Owner topic view detail your topic successfully by click on the title of topic. | 1. User login to the website. 2. User clicks on your title of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_28] | Owner topic view detail your topic successfully by click on the image of topic. | 1. User login to the website. 2. User clicks on image of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_29] | Owner topic view topic successfully by URL | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_30] | Owner topic view topic successfully incase topic was Hidden (automatically by system) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_31] | Owner topic view topic successfully incase topic was Hidden (automatically by system) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Home page is displayed. 2. Selected topic was reloaded with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_32] | Owner topic view topic successfully incase topic was Hidden (by Admin) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_33] | Owner topic view topic successfully incase topic was Hidden (by Admin) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Home page is displayed. 2. Selected topic was reloaeded with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_34] | Owner topic view topic successfully incase topic was Hidden (by himself) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_35] | Owner topic view topic successfully incase topic was Hidden (by himself) | Pre-cond: View detail hidden topic 1. Refresh page | 1. Selected topic was reloaeded with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_36] | Owner topic view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_37] | Owner topic view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_38] | Admin view detail topic successfully by click on the title of topic. | 1. User login to the website. 2. User clicks on title of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite and rate topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_39] | Admin view detail your topic successfully by click on the image of topic. | 1. User login to the website. 2. User clicks on image of desired topic. | 1. Home page is displayed. 2. Selected topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_40] | Admin view topic successfully by URL | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, hide, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_41] | Admin view topic successfully incase topic was Hidden (automatically by system) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_42] | Admin view topic successfully incase topic was Hidden (automatically by system) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Home page is displayed. 2. Selected topic was reloaded with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_43] | Admin view topic successfully incase topic was Hidden (by Admin) | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Selected topic was reloaded with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_44] | Admin view topic successfully incase topic was Hidden (by Admin) | Pre-cond: View detail topic before topic was hidden 1. Refresh page | 1. Home page is displayed. 2. Corresponding topic was displayed in new page, with full content. (details content, map, pictures, hyperlink add to favotite topic, hyperlink for edit, refresh,delete) | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_47] | Admin view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_48] | Admin view topic unsuccessfully incase topic was Delete by Admin. | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_49] | Admin view topic unsuccessfully incase topic was Delete by owner of topic. | Pre-cond: Copy URL of topic 1. User login to the website. 2. Paste Owner topic's URL into address bar of browser then press Enter | 1. Home page is displayed. 2. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |
| [UC\_50] | Admin view topic unsuccessfully incase topic was Delete by owner of topic. | Pre-cond: View detail topic before topic was deleted 1. Refresh page | 1. Redirect to error page with error message "Bài viết đã bị xoá hoặc không tồn tại" | Pass | 6-Dec-2012 | BichTT01501 |

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| --- | --- | --- | --- | --- | --- | --- |
|  | **User edit Own topics** |  |  |  |  |  |
|  | - User role: User/ Admin - Pre-condition: - User must be Logined to website successfully  - Admin must be login with admin role | | |  |  |  |
| [UC\_1] | Users edit topic successfully | 1. Click on "Sửa" Hyperlink 2. Update valid content and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. Data saved successfully and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, hyperlink for edit, hide, refresh, delete) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_2] | Users edit topic unsuccessfully | 1. Click on "Sửa" Hyperlink 2. Update valid content and click button "Hủy" | 1. Edit topic’s detail page is displayed. 2. No any data saved and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, hyperlink for edit, hide, refresh, delete) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_3] | Users edit topic successful incase topic was expired | 1. Click on "Sửa" Hyperlink.  2. Update valid content and click button "Lưu lại". | 1. Edit topic’s detail page is displayed. 2. Data saved successfully and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, edit, refresh, delete ..., delete) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_4] | Users edit topic unsuccessful incase topic was expired | 1. Click on "Sửa" Hyperlink.  2. Update valid content and click button "Hủy". | 1. Edit topic’s detail page is displayed. 2. No any data saved and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, rate, edit, refresh, delete ..., delete) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_5] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Tiêu đề" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. Display error message "Tiêu đề không được để trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_6] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with more than 100 character "Tiêu đề" fields , valiad others fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System show error message "Độ dài tối đa tiêu đề là 300 kí tự" and no any data change | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_7] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Select "Thành phố" drop down list to "-Thành Phố-" value , valiad others fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. Display error message "Lựa chọn thành phố" and no any data change | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_8] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Select "Quận/Huyện" drop down list to "-Quận/Huyện-" value , valiad others fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. Display error message "Lựa chọn quận/huyện" and no any data change | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_9] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Địa chỉ cụ thể" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Địa chỉ không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_10] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Diện tích" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Diện tích không được để trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_11] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Giá" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Giá không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_12] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Tiền nước" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Tiền nước đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_13] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Tiền điện" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Tiền điện đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_14] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Radio button "Chỗ để xe" checked value "Thu tiền", leaves field "Phí hàng tháng" blank and inputs value into required fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Giá để Xe đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_15] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Liên hệ" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Liên hệ không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_16] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Số điện thoại" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Số điện thoại không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_17] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2 Input some words into "Giá" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Gía Hãy nhập số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_18] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Input some words into "Diện tích" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Diện tích Hãy nhập số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_19] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Input some words into "Tiền nước" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Tiền nước đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_20] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Input some words into "Tiền điện" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Tiền điện đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_21] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Radio button "Chỗ để xe" checked value "Thu tiền",input some word to field "Phí hàng tháng" and inputs value into required fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Nhập vào Giá để Xe đơn vị nghìn đồng" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_22] | Users edit content topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Input some words into "Số điện thoại" fields and click button "Lưu lại" | 1. Edit topic’s detail page is displayed. 2. System display error message "Số điện thoại phải là số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_23] | Edit radio button "Chỗ để xe" | 1. Click on "Sửa" Hyperlink.  2. Radio button "Chỗ để xe" checked value "Không" | 1. Edit topic’s detail page is displayed. 2. Textbox "Phí hàng tháng" is invisible | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_24] | Edit radio button "Chỗ để xe" | 1. Click on "Sửa" Hyperlink.  2. Radio button "Chỗ để xe" checked value "Miễn phí" | 1. Edit topic’s detail page is displayed. 2. Textbox "Phí hàng tháng" is invisible | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_25] | Edit radio button "Chỗ để xe" | 1. Click on "Sửa" Hyperlink.  2. Radio button "Chỗ để xe" checked value "Thu tiền" | 1. Edit topic’s detail page is displayed. 2. Textbox "Phí hàng tháng" is visible | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_26] | Users edit content Share topic successfully | 1. Click on "Sửa" Hyperlink 2. Update valid content and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. Data saved successfully and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, rate, edit, refresh, delete ...) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_27] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink 2. Update valid content and click button "Hủy" | 1. Edit share topic’s detail page is displayed. 2. No any data saved and system re-direct to topic detail page with full content. (details content, map, pictures, hyperlink add to favotite, rate, edit, refresh, delete ...) | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_28] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Tiêu đề" fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Tiêu đề không được để trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_29] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Địa chỉ cụ thể" fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Địa chỉ cụ thể không được để trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_30] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Giá" fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Giá không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_31] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Diện tích" fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Diện tích không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_32] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with blank "Số điện thoại" fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Số điện thoại không được trống" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_33] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Edit "Giá" fields with some word and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Giá hãy nhập số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_34] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Edit "Diện tích" fields with some word and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Diện tích hãy nhập số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_35] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Edit "Số điện thoại" fields with some word and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. System display error message "Số điện thoại phải là số" and no any data change. | Pass | 7-Dec-2012 | BichTT01501 |
| [UC\_36] | Users edit content Share topic unsuccessfully | 1. Click on "Sửa" Hyperlink.  2. Update content with more than 300 character "Tiêu đề" fields , valiad others fields and click button "Lưu lại" | 1. Edit share topic’s detail page is displayed. 2. Display error message "Độ dài tối đa tiêu đề là 300 kí tự" and redisplay edit share topic. | Pass | 7-Dec-2012 | BichTT01501 |

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|  | **User renew own topics** |  |  |  |  |  |
|  | - User role: User/Admin - Pre-condition: - User must be Logined to website successfully  - User view Owner detail topic page  - Admin view detail topic page. | | |  |  |  |
| [UC\_1] | Users refresh topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Topic is go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_2] | Users refresh topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_3] | Users refresh hidden topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Topic is unhidden, go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_4] | Users refresh hidden topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_5] | Users refresh share topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Share topic is go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_6] | Users refresh share topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show share topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_7] | Users refresh hidden share topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Share topic is unhidden, go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_8] | Users refresh hidden share topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show share topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_9] | Users refresh one topic in the more than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Redirect to Home page but corresponding topic not refreshed | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_10] | Users refresh one share topic in the more than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Redirect to Home page but corresponding topic not refreshed | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_11] | Admin refresh topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Topic is go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_12] | Admin refresh topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_13] | Admin refresh hidden topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Topic is unhidden, go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_14] | Admin refresh expired post in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_15] | Admin refresh share topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Share topic is go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_16] | Admin refresh share topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show share topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_17] | Admin refresh hidden share topic in the less than 10 time successfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Share topic is unhidden, go to the top of list topic and system redirects to home page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_18] | Admin refresh hidden share topic in the less than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Hủy" button from warning message. | 1. Display warning message "Bạn chắc muốn ẩn bài này chứ?" 2. Close warning message and re-show share topic detail page | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_19] | Admin refresh one topic in the more than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Redirect to Home page but corresponding topic not refreshed | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_20] | Admin refresh one share topic in the more than 10 time unsuccessfully | 1. Click on "Làm mới" Hyperlink 2. Click on "Đồng ý" button from warning message. | 1. Display warning message "Bạn có chắc chắn muốn làm mới bài đăng này?" 2. Redirect to Home page but corresponding topic not refreshed | Pass | 4-Dec-2012 | BichTT01501 |

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|  | **User delete Own topics** |  |  |  |  |  |
|  | - User role: User/Admin - Pre-condition: - User must be Logined to website successfully  - User view detail topic page  - Admin view detail topic page. | | |  |  |  |
| [UC\_1] | Users delete topic successful | 1. Click on "Xóa" hyperlink. 2. Click on "Đồng ý" button from pop-up. | 1. Display pop-up "Bạn có chắc muốn xóa bài này?" 2. Redirect to home page and deleted topic had deleted. | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_2] | Admin delete topic successful | 1. Click on "Xóa" hyperlink. 2. Click on "Đồng ý" button from pop-up. | 1. Display pop-up "Bạn có chắc muốn xóa bài này?" 2. Redirect to home page and deleted topic had deleted. | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_3] | Users delete topic unsuccessful | 1. Click on "Xóa" hyperlink. 2. Click on "Hủy" button from pop-up. | 1. Display pop-up "Bạn có chắc muốn xóa bài này?" 2. Close pop-up and redisplay topic detail page. | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_4] | Admin delete topic unsuccessful | 1. Click on "Xóa" hyperlink. 2. Click on "Hủy" button from pop-up. | 1. Display pop-up "Bạn có chắc muốn xóa bài này?" 2. Close pop-up and redisplay topic detail page. | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_5] | Admin delete topic successful | Pre-con: Admin view manage topic page 1. Click on check box of any topic, select "Remove" from drop down list and click on "Apply" button. | 1. Reload manage topic page and without deleted topic in list topic | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_6] | Admin delete topic unsuccessful | Pre-con: Admin view manage topic page 1. Do not click on check box of any topic, select "Remove" from drop down list and click on "Apply" button. | 1. Reload manage topic page and no any topic is delete | Pass | 4-Dec-2012 | BichTT01501 |
| [UC\_7] | Admin delete topic unsuccessful | Pre-con: Admin view manage topic page 1. Click on check box of any topic and click on "Apply" button. | 1. Reload manage topic page and no any topic is delete | Pass | 4-Dec-2012 | BichTT01501 |

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|  | **User report topic** |  |  |  |  |  |
|  | - User role: User/ Admin - Pre-condition: - User must be Logined to website successfully  - User view detail topic page | | |  |  |  |
| [UC\_1] | User report topic successful | 1. Clicks on button "Báo vi phạm" 2. Input reason report and clicks on button "Báo cáo" in pop-up | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Report topic successful. | Pass | 8-Dec-2012 | BichTT01501 |
| [UC\_2] | User report topic successful | 1. Clicks on button "Báo vi phạm" 2. Input blank reason report and clicks on button "Báo cáo" in pop-up. | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Report topic successful. | Pass | 8-Dec-2012 | BichTT01501 |
| [UC\_3] | User report topic unsuccessful | 1. Clicks on button "Báo vi phạm" 2. Clicks on button "Bỏ qua" in pop-up. | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Close pop-up, redisplay detail topic page. | Pass | 8-Dec-2012 | BichTT01501 |
| [UC\_4] | User report share topic successful | 1. Clicks on button "Báo vi phạm" 2. Input reason report and clicks on button "Báo cáo" in pop-up. | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Report topic successful. | Pass | 8-Dec-2012 | BichTT01501 |
| [UC\_5] | User report share topic successful | 1. Clicks on button "Báo vi phạm" 2. Input blank reason report and clicks on button "Báo cáo" in pop-up. | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Report topic successful. | Pass | 8-Dec-2012 | BichTT01501 |
| [UC\_6] | User report share topic unsuccessful | 1. Clicks on button "Báo vi phạm" 2. Clicks on button "Bỏ qua" in pop-up. | 1. System shown pop-up "Báo cáo vi phạm" with text for user input reason. 2. Close pop-up, redisplay detail share topic page. | Pass | 8-Dec-2012 | BichTT01501 |

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|  | **User compare topics** |  |  |  |  |  |
|  | - User role: User  - Pre-condition: - User must be access to website successfully | | |  |  |  |
| [UC\_1] | User add topic to compare successful | 1. Clicks on "Thêm vào so sánh" hyperlink to add topic for compare. | 1. Reload page and update number of topic add to compare on 1 topic. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_2] | User compare topic unsuccessful | 1. Click on "So sánh" hyperlink from home page. | 1. Redirect to "So sánh" page and show message: "Bạn chưa chọn bài nào để so sánh" | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_3] | User add topic to compare unsuccessful | 1. Click on "Thêm so sánh" hyperlink from home page. 2. Re-click on "Thêm so sánh" hyperlink from added topic. | 1. Reload page and update number of topic add to compare on 1 topic. 2. Do not reload home page and no any number of topics added changed. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_4] | User add more than 3 topic to compare unsuccessful | 1. Choose 3 topic and click on "Thêm so sánh" hyperlink. 2. Find more one topic and click on "Thêm so sánh" hyperlink. | 1. Reload page and update number of topic add to compare on 3 topic. 2. Do not reload home page and no any number of topics added changed. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_5] | User compare topic successful | Pre-cond: add some topic to compare. 1. Click on "So sánh" hyperlink from home page. | 1. Redirect to "So sánh" page and display information of selected topic | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_6] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with full 3 topics selected. 1. Click on "Xóa" hyperlink in one of three topics at the end of compare topic page. | 1. Re-display page with two selected topic to display information of selected topics. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_7] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with 2 topics selected. 1. Click on "Xóa" hyperlink in one of two topics at the end of compare topic page. | 1. Re-display page with one selected topic to display information of selected topics. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_8] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with 1 topic selected. 1. Click on "Xóa" hyperlink at the end of compare topic page. | 1. Redisplay compare topic page and show message: "Bạn chưa chọn bài nào để so sánh" | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_9] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with full 3 topics selected. 1. Click on "Xóa danh sách so sánh" button in in the top of compare topic page. | 1. Redisplay compare topic page and show message: "Bạn chưa chọn bài nào để so sánh" | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_10] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with 2 topics selected. 1. Click on "Xóa danh sách so sánh" button in in the top of compare topic page. | 1. Redisplay compare topic page and show message: "Bạn chưa chọn bài nào để so sánh" | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_11] | User remove topic from compare topic page successful | Pre-cond: user view compare topic page with 1 topic selected. 1. Click on "Xóa danh sách so sánh" button in in the top of compare topic page. | 1. Redisplay compare topic page and show message: "Bạn chưa chọn bài nào để so sánh" | Pass | 9-Dec-2012 | BichTT01501 |

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|  | **User add topic to favorite list** | |  |  |  |  |
|  | - User role: User/Admin - Pre-condition: - User/Admin must be login to website successfully | | |  |  |  |
| [UC\_1] | User add topic to favorite list successfully | Pre-con: User view detail topic page. 1. Click on "Thêm vào ưa thích" hyperlink of detail topic page. | 1. Re-loaded topic detail page and change "Thêm vào yêu thích" hyperlink to "Đã có trong yêu thích". | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_2] | User add topic to favorite list successfully | Pre-con: User view compare topic with some seletected topic 1. Click on "Thích" hyperlink in the end of compare topic page. | 1. Re-loaded compare topic page and change "Thích" hyperlink to "Đã thêm" lable. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_3] | Visitor add topic to favorite list unsuccessfully | Pre-con: visitor view detail topic page. 1. Click on "Thêm vào ưa thích" hyperlink of detail topic page. 2. Click on "Đăng nhập" button | 1. Display pop-up notify require login the system. 2. Refer to sheet Login | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_4] | Visitor add topic to favorite list unsuccessfully | Pre-con: visitor view detail topic page. 1. Click on "Thêm vào ưa thích" hyperlink of detail topic page. 2. Click on "Đóng" button | 1. Display pop-up notify require login the system. 2. Re-Display detail topic page. | Pass | 9-Dec-2012 | BichTT01501 |

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|  | **User mangage recent topics** | |  |  |  |  |
|  | - User role: Vistor/User - Pre-condition: - Vistor/User access to website successfully  - Vistor/User view detail any topic. | | |  |  |  |
| [UC\_1] | Vistor/User add recent topic successful | 1. Click on title of any topic from home page. | 1. System display detail topic page and save topic to recent topic form. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_2] | Vistor/User add recent topic successful | 1. Click on image of any topic from home page. | 1. System display detail topic page and save topic to recent topic form. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_3] | Vistor/User add recent topic successful | Pre-cond: Copy URL of topic 1. Paste topic's URL into address bar of browser then press Enter | 1. Corresponding topic was displayed and save topic to recent topic form. | Pass | 9-Dec-2012 | BichTT01501 |
| [UC\_4] | Vistor/User view recent topic successful | 1. Click on title of any topics from recent topic form | 1. Selected title topic is displayed in detail topic page | Pass | 9-Dec-2012 | BichTT01501 |

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|  | **User create new topics** | |  |  |  |  |
|  | - User role: Vistor/User/Admin - Pre-condition: - User must be login to website successfully  - Admin must be login with admin role | | |  |  |  |
| [UC\_1] | Create a new topic successful incase user inputs valid data into all fields | 1. Clicks on “Đăng tin mới” button on top site 2. Input all valid data into all fields in form new topic and Clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Data was saved, new topic created successful. And system redirect to home page | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_2] | Create a new topic unsuccessful incase user clicks "Hủy" | 1. Clicks on "Đăng tin mới” button on top site 2. Input all valid data and then clicks "Hủy" | 1. Form create new topic is opened 2. No data saved and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_3] | Create new topic unsuccessful incase user leaves field "Tiêu đề" blank | 1. Clicks on "Đăng tin mới" button on top site 2. Leaves "Tiêu đề" field blank and inputs value into other desired field(s) and then clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Tiêu đề không được để trống" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_4] | Create new topic unsuccessful incase user input data into field "Tiêu đề" more than 200 characters | 1. Clicks on "Đăng tin mới" button on top site 2. Inputs more than 300 characters into "Tiêu đề" field, inputs value into others desired fields and clicks on "Đăng tin" button. | 1. Form create new topic is opened 2. System show error message "Độ dài tối đa tiêu đề là 300 kí tự" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_5] | Create new topic unsuccessful incase user don't choose drop down list "Thành Phố" | 1. Clicks on "Đăng tin" button on top site 2. Ignore drop down list "Thành Phố" and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Lựa chọn thành phố" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_6] | Create new topic unsuccessful incase user don't choose drop down list "Quận/Huyện" | 1. Clicks on “Đăng tin” button on top site 2. Ignore drop down list "Quận/Huyện" and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Lựa chọn quận/huyện" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_7] | Create new topic unsuccessful incase user leaves field "Địa chỉ cụ thể" blank | 1. Clicks on “Đăng tin” button on top site 2. Leaves "Địa chỉ cụ thể" field blank and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Địa chỉ không được trống" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_8] | Create a new topic unsuccessful incase user leaves field "Diện tích(m2)" blank | 1. Clicks on “Đăng tin” button on top site 2. Leaves "Diện tích" field blank and inputs value into required fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Diện tích không được để trống" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_9] | Create a new topic unsuccessful incase user input invalid data to "Diện tích (m2)" field. | 1. Clicks on “Đăng tin” button on top site 2. Input invalid data into "Diện tích(m2)" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Diện tích Hãy nhập số" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_10] | Create new topic unsuccessful incase user leaves field " Giá tiền (triệu VND/tháng)" " blank | 1. Clicks on “Đăng tin” button on top site 2. Do not input data for "Giá tiền (triệu VND/tháng)" field and then clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Giá không được trống" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_11] | Create a new topic unsuccessful incase user input invalid data to "Giá tiền (triệu VND/tháng)" field. | 1. Clicks on “Đăng tin” button on top site 2. Input invalid data into " Giá tiền (triệu VND/tháng)" fields, valid data into other fields and clicks on "Đăng tin ngay!" button | 1. Form create new topic is opened 2. Display error message "Hãy nhập số" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_12] | Create new topic unsuccessful incase user leaves field " Giá tiền nước (nghìn vnđ/khối)" blank | 1. Clicks on “Đăng tin” button on top site 2. Do not input data for " Giá tiền nước (nghìn vnđ/khối)" field and then clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Nhập vào Tiền nước đơn vị nghìn đồng" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_13] | Create a new topic unsuccessful incase user input invalid data to "Giá tiền nước (nghìn vnđ/khối)" field. | 1. Clicks on “Đăng tin” button on top site 2. Input invalid data into " Giá tiền nước (nghìn vnđ/khối)" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Nhập vào Tiền nước đơn vị nghìn đồng" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_14] | Create new topic unsuccessful incase user leaves field " Giá tiền điện (nghìn vnđ/số)" blank | 1. Clicks on “Đăng tin” button on top site 2. Do not input data for " Giá tiền điện (nghìn vnđ/số)" field and then clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Nhập vào Tiền điện đơn vị nghìn đồng" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_15] | Create a new topic unsuccessful incase user input invalid data to "Giá tiền điện (nghìn vnđ/số)" field. | 1. Clicks on “Đăng tin” button on top site 2. Input invalid data into " Giá tiền điện (nghìn vnđ/số)" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Nhập vào Tiền điện đơn vị nghìn đồng" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_16] | Check box "Bãi đỗ xe" | 1. Clicks on “Đăng tin ngay” button on top site 2. Check box " Bãi đỗ xe" checked value "Không" | 1. Form create new topic is opened 2. Textbox "Phí hàng tháng" is invisible | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_21] | Create new topic unsuccessful incase user leaves field "Liên hệ" blank | 1. Clicks on “Đăng tin” button on top site 2. Leaves field "Liên hệ" blank and inputs value into required fields and then clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Liên hệ không được trống" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_22] | Create new topic unsuccessful incase user leaves field "Điện thoại liên hệ" blank | 1. Clicks on “Đăng tin” button on top site 2. Leaves field " Điện thoại liên hệ" blank and inputs value into required fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Xin vui lòng nhập số điện thoại liên lạc " and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_23] | Create a new topic unsuccessful incase user input invalid data to "Điện thoại liên hệ" field. | 1. Clicks on “Đăng tin” button on top site 2. Input some words into "Điện thoại liên hệ" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display error message "Sai định dạng, xin vui lòng nhập lại" and re-display create new topic | Pass | 11-Dec-2012 | BichTT01501 |
| [UC\_24] | Create a new topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on “Đăng tin” button on top site 2. Clicks on button "Tải ảnh"  3. Choose other system support type image and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display window box to user choose image. 3. Display warning message " File ảnh chỉ chấp nhận: jpg,jpeg,png" and no image is uploaded. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_25] | Create a new topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on “Đăng tin” button on top site 2. Clicks on button "Tải ảnh"  3. Choose image have size > 2MB. | 1. Form create new topic is opened 2. Display window box to user choose image. 3. Display warning message "ảnh phải nhỏ hơn 2Mb" and no image is saved. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_26] | Create a new topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on “Đăng tin” button on top site 2. Clicks on button "Tải ảnh"  3. Choose more than 10 image and clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display window box to user choose image. 3. Display warning message "Bạn chỉ được up tối đa 10 ảnh và ảnh phải nhỏ hơn 2Mb" and no image is saved. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_27] | Create a new topic unsuccessful incase user forget choose location of leasing house in map | 1. Clicks on “Đăng tin” button on top site 2. Input all valid data into all fields in form new topic but no choose house's location in map and Clicks on "Đăng tin" button | 1. Form create new topic is opened 2. Display warning message "Lựa chọn vị trí trên bản đồ" and no data saved. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_28] | Create a share topic successful incase user inputs valid data into all fields | 1. Clicks on "Đăng chia sẻ” button on top left side 2. Input all valid data into all fields in form new topic and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Data was saved, new topic created successful. And system redirect to home page | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_29] | Create a share topic unsuccessful incase user clicks "Hủy" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Input all valid data then clicks "Hủy" | 1. Form create share topic is opened 2. No data saved and re-display create new topic | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_30] | Create share topic unsuccessful incase user leaves field "Tiêu đề" blank | 1. Clicks on "Đăng chia sẻ" button on top site 2. Leaves field "Tiêu đề" blank and inputs value into other desired field(s) and Clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Tiêu đề không được trống" and redisplay create share topic. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_31] | Create share topic unsuccessful incase user input data into field "Tiêu đề"more than 100 characters | 1. Clicks on "Đăng chia sẻ" button on top site 2.Inputs more than 100 characters into "Tiêu đề" field, inputs value into others desired fields and clicks on "Đăng tin" button. | 1. Form create share topic is opened 2. Display error message "Độ dài tối đa tiêu đề là 100 kí tự" and redisplay create share topic. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_32] | Create share topic unsuccessful incase user don't choose drop down list "Thành Phố" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Ignore drop down list "Thành Phố" and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Lựa chọn thành phố" and re-display create share topic | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_33] | Create share topic unsuccessful incase user don't choose drop down list "Quận/Huyện" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Ignore drop down list "Quận/Huyện" and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Lựa chọn quận/huyện" and re-display create share topic. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_34] | Create share topic unsuccessful incase user leaves field "Địa chỉ" blank | 1. Clicks on "Đăng chia sẻ" button on top site 2. Leaves field "Địa chỉ cụ thể" blank and inputs value into other desired field(s) and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Địa chỉ không được trống" and re-display create share topic. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_35] | Create a share topic unsuccessful incase user leaves field "Diện tích(m2)" blank | 1. Clicks on "Đăng chia sẻ" button on top site 2. Leaves "Diện tích" field blank and inputs value into required fields and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Diện tích không được để trống" and re-display create share topic. | Pass | 12-Dec-2012 | BichTT01501 |
| [UC\_36] | Create a share topic unsuccessful incase user input invalid data to "Diện tích(m2)" field. | 1. Clicks on "Đăng chia sẻ" button on top site 2. Input invalid data into "Diện tích(m2)" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Diện tích Hãy nhập số" and re-display create share topic. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_37] | Create share topic unsuccessful incase user leaves field "Giá(vnđ)" blank | 1. Clicks on "Đăng chia sẻ" button on top site 2. Do not input data for "Giá(vnd)" field and then clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Giá không được trống" and re-display create share topic. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_38] | Create a share topic unsuccessful incase user input invalid data to "Giá (vnđ)" field. | 1. Clicks on "Đăng chia sẻ" button on top site 2. Input invalid data into "Giá(vnđ)" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display error message "Giá hãy nhập số" and re-display create share topic. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_39] | Create a share topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Clicks on button "Tải ảnh"  3. Chosose other system support type image and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display window box to user choose image. 3. Display warning message " File ảnh chỉ chấp nhận : jpg,jpeg,png" and no image is uploaded. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_40] | Create a share topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Clicks on button "Tải ảnh"  3. Chosose image have size > 2MB. | 1. Form create share topic is opened 2. Display window box to user choose image. 3. Display warning message " ảnh phải nhỏ hơn 2Mb" and no image is uploaded. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_41] | Create a share topic unsuccessful incase user clicks "Tải ảnh" | 1. Clicks on "Đăng chia sẻ" button on top site 2. Clicks on button "Tải ảnh"  3. Chosose more than 10 image and clicks on "Đăng tin" button | 1. Form create share topic is opened 2. Display window box to user choose image. 3. Display warning message " Bạn chỉ được up tối đa 10 ảnh và ảnh phải nhỏ hơn 2Mb" and no image is uploaded. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_42] | Create new share topic unsuccessful incase user leaves field "Số điện thoại" blank | 1. Clicks on "Đăng chia sẻ " button on top site 2. Leaves field "Số điện thoại" blank and inputs value into required fields and clicks on "Đăng tin" button | 1. Form create new share topic is opened 2. Display error message "Số điện thoại không được trống" and re-display create new topic | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_43] | Create a new share topic unsuccessful incase user input invalid data to "Số điện thoại" field. | 1. Clicks on "Đăng chia sẻ " button on top site 2. Input some words into "Số điện thoại" fields, valid data into other fields and clicks on "Đăng tin" button | 1. Form create new share topic is opened 2. Display error message "Số điện thoại phải là số" and re-display create new topic | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_44] | Create a new share topic unsuccessful incase user forget choose location of leasing house in map | 1. Clicks on "Đăng chia sẻ " button on top site 2. Input all valid data into all fields in form new topic but no choose house's location in map and Clicks on "Đăng tin" button | 1. Form create new share topic is opened 2. Display warning message "Lựa chọn vị trí trên bản đồ" and no data saved. | Pass | 13-Dec-2012 | BichTT01501 |

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|  | **User Search topic** |  |  |  |  |  |
|  | - User role: User/Visitor/Admin | | |  |  |  |
| [UC\_1] | User search by quick search | 1. Do not change value of drop down list and click on search button from home page | 1. Redirect to searching page and show all topic of website | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_2] | User search by quick search | 1. Change value of drop down list "Thành Phố" and click on "Tìm kiếm" button. | 1. Redirect to searching page and show all topic with City is this "Thành Phố" drop down list | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_3] | User search by quick search | 1. Change value of drop down list "Quận/Huyện" and click on "Tìm kiếm" button. | 1. Redirect to searching page and show all topic with District is this "Quận/Huyện" drop down list | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_4] | User search by quick search | 1. Change value of drop down list "Loại tin" and click on search button. | 1. Redirect to searching page and show all topic with Type of topic is this "Loại tin" drop down list | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_5] | User search by quick search | 1. Change value of drop down list "Diện tích" and click on search button. | 1. Redirect to searching page and show all topic with Area of topic is this "Diện tích" drop down list | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_6] | User search by quick search | 1. Change value of drop down list "Giá" and click on search button. | 1. Redirect to searching page and show all topic with Price of topic is this "Giá" drop down list | Pass | 18-Dec-2012 | BichTT01501 |
| [UC\_7] | User search by click on type of topic link. | 1. Change value of drop down list type of post and click on search button | 1. Redirect to searching page and show all topic with corresponding type of topic | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_8] | User search by click on location of topic link | 1. Click on location of topic link in the left of home page | 1. Redirect to searching page and show all topic with corresponding location of topic | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_9] | User search by full text search | 1. Input "Cầu Giấy" and press Enter button | 1. Redirect to searching page and show all topics with any fields have "Cầu Giấy" word. | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_10] | User search by full text search | 1. Input "Cầu Giấ" in text box at home page and press Enter button | 1. Redirect to searching page and show all topics with any fields have "Cầu" word. | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_11] | User search by full text search | 1. Input "Cầ Giấy" and press Enter button | 1. Redirect to searching page and show all topics with any fields have "Giấy" word. | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_12] | User search by full text search | 1. Input "Cầu" and press Enter button | 1. Redirect to searching page and show all topics with any fields have "Cầu" word. | Pass | 19-Dec-2012 | BichTT01501 |
| [UC\_13] |  |  |  |  |  |  |
| [UC\_14] |  |  |  |  |  |  |
| [UC\_15] |  |  |  |  |  |  |
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| [UC\_18] |  |  |  |  |  |  |
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| [UC\_21] |  |  |  |  |  |  |
| [UC\_22] |  |  |  |  |  |  |

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|  | **Admin manage User** |  |  |  |  |  |
|  | - User role: admin - Pre-condition: - User must be Login into the system with admin role.  - Admin view admin page successful | | |  |  |  |
| [UC\_1] | Admin view list users successful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. | 1. Display Manage User page with all user in the system | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_2] | Admin view list users successful. | Pre-cond: Copy URL of Manage Users page. 1. Paste topic's URL into address bar of browser then press Enter | 1. Display Manage User page with all user in the system | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_3] | Admin view list users successful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Click check box banner and click on "Find" button | 1. Display Manage User page with all user in the system 2. Reload Manage User page with all banner user in the system | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_4] | Admin view list users successful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Select name of group from drop down list and click on "Find" button | 1. Display Manage User page with all user in the system 2. Reload Manage User page with all user of selected name group in the system. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_5] | Admin view detail users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Click on Users link. | 1. Display Manage User page with all user in the system. 2. Redirect to "Thông tin cá nhân" tab of " Trang cá nhân" page. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_6] | Admin view detail users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Click on "Edit" hyperlink. | 1. Display Manage User page with all user in the system. 2. Display pop-up with information of user. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_7] | Admin view detail users successful. | Pre-cond: Admin views detail one topic 1. Click on display name of owner topics link | 1. Redirect to "Thông tin cá nhân" tab of “Trang cá nhân" page. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_8] | Admin view detail users successful. | Pre-cond: Copy URL of Users page. 1. Paste topic's URL into address bar of browser then press Enter | 1. Display “Thông tin cá nhân" tab of “Trang cá nhân" page. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_9] | Admin view admin's profile successful. | 1. Click on "User Management" in top site of website then click to “Admin Profile" from drop down list. | 1. Display “Thông tin cá nhân" tab of admin in “Trang cá nhân" page. | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_10] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input correct full nick name of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_11] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input correct full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_12] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub nick name of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_13] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_14] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub nick name and sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_15] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct full nick name and full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_16] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub nick name and full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_17] | Admin search users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct full nick name and sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and displayed corresponding user | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_18] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect full nick name of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_19] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_20] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect sub nick name of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_21] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_22] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect sub nick name and sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_23] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect full nick name and full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_24] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input incorrect sub nick name and full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_25] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input incorrect full nick name and sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_26] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input incorrect sub nick name and correct sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_27] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect full nick name and correct full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_28] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input incorrect sub nick name and correct full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_29] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to “User" from drop down list. 2. Input incorrect full nick name and sub correct email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_30] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub nick name and incorrect sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_31] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct full nick name and incorrect full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_32] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct sub nick name and incorrect full email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_33] | Admin search users unsuccessful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Input correct full nick name and incorrect sub email of user and click on Find button | 1. Display Manage User page with all user in the system. 2. Reload Manage User page and no user was found | Pass | 14-Dec-2012 | BichTT01501 |
| [UC\_34] | Admin edit users successful. | 1. Click on "User Management" in top site of website then click to "User" from drop down list. 2. Click on "Edit" hyperlink. 3. Edit information users and click on "Save" button. 4. Click on "Close" button | 1. Display Manage User page with all user in the system. 2. System display pop-up edit user with information of selected user. 3. Data saved successful. 4. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_35] | Admin edit nick name users unsuccessful. | 1. Input blank nick name will display into "Name" field and then click on button "Save". 2. Click on "Close" button | 1. System will recover old display name of user any no any change. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_36] | Admin edit nick name users unsuccessful. | 1. Input more than 50 characters into "Tên hiển thị" field and click on button "Save" 2. Click on "Close" button | 1. The first 50 characters will input into "Tên hiển thị" field and cannot input more any character. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_37] | Admin edit avatar users successful. | 1. Click on the button "Browse" to change avatar of user and click on button "Save". 2. Click on "Close" button | 1. Avatar of user has changed successfully. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_38] | Admin ban user successful. | 1. Click on check box "Banned" and click on button "Save". 2. Click on "Close" button | 1. Data saved successful. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_39] | Admin change role users successful. | 1. Select role for user from "User Group" drop down list and click on "Save" button. 2. Click on "Close" button | 1. Data saved successful. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_40] | Admin un-ban user successful. | Pre-con: Admin edit baner user 1. Click on check box "Banned" to uncheck banner and click on button "Save". 2. Click on "Close" button | 1. Data saved successful. 2. Close pop-up and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |
| [UC\_41] | Admin edit information of user unsuccessful | 1. Admin edit information of user and click on "Close" button. | 1. Close pop-up, no any data changed and reload manage user page | Pass | 13-Dec-2012 | BichTT01501 |

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|  | **Admin manage locations** |  |  |  |  |  |
|  | - User role: admin - Pre-condition: - User must be Login into the system with admin role.  - Admin view admin page successful | | |  |  |  |
| [UC\_1] | Admin view locations successful | 1. Click on "All location list" in top site. | 1. Redirect to manage location page with all location default is University in list location | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_2] | Admin view locations successful | 1. Chose name of City from drop down list "City". | 1. Reload manage location page and display all location default is University have name of city is selected city. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_3] | Admin view locations successful | 1. Chose name of District from drop down list "District" | 1. Reload manage location page and display all location default is University have name of city is selected city and name of district is selected district. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_4] | Admin view locations successful | 1. Chose name of Type from drop down list "Type" | 1. Reload manage location page and display all location have type is selected type | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_5] | Admin view locations successful | 1. Click on "All location list" in top site. 2. Change some fields of drop down list. 3. Press F5 to refresh page | 1. Redirect to manage location page with all location default is University in list location. 2. Reload manage location page with selected condition. 3. Reload manage location page with all location default is University in list location. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_6] | Admin add new locations successful | 1. Click on "All location list" in top site. 2. Input valid data in "Add location" table and click "Add" button. | 1. Display Manage location page with all location in the system. 2. Display message "Add location thành công!" and reload Manage location page | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_7] | Admin add new locations unsuccessful | 1. Click on user name display in top right side of website then click to “Manage locations” drop down list. 2. Keep blank "Name" field, select valids drop down list and click "Add" button. | 1. Display Manage location page with all user in the system. 2. Display error message "Nhập tên địa điểm muốn thêm!" and re-display add location table form. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_8] | Admin add new locations unsuccessful | 1. Click on user name display in top right side of website then click to “Manage locations” drop down list. 2. Input more than 254 character into "Name" field, select valids drop down list and click "Add" button. | 1. Display Manage location page with all user in the system. 2. The first 254 character inputed had saved and reload Manage location page. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_9] | Admin add new locations unsuccessful | 1. Click on user name display in top right side of website then click to “Manage locations” drop down list. 2. Input valid data to "Name" field, not select city drop down list "City" and click "Add" button. | 1. Display Manage location page with all user in the system. 2. Display error message "Chọn thành phố, quận huyện!" and re-display add location table form. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_10] | Admin add new locations unsuccessful | 1. Click on user name display in top right side of website then click to “Manage locations” drop down list. 2. Input valid data to "Name" field, not select district drop down list "District" and click "Add" button. | 1. Display Manage location page with all user in the system. 2. Display error message "Chọn thành phố, quận huyện!" and re-display add location table form. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_11] | Admin add new locations unsuccessful | 1. Click on user name display in top right side of website then click to “Manage locations” drop down list. 2. Input valid data to "Name" field, select city and district and click "Add" button. | 1. Display Manage location page with all user in the system. 2. Display error message "Lựa chọn vị trí trên bản đồ!" and re-display add location table form. | Pass | 15-Dec-2012 | BichTT01501 |
| [UC\_12] | Admin delete location successful | 1. Click on "All location list" in top site. 2. Click Action link "Remove" at location want delete. | 1. Display Manage location page with all user in the system. 2. Reload Manage location page and deleted topic had deleted. | Pass | 15-Dec-2012 | BichTT01501 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Admin manage all topic** |  | | |  | |  |  | |  | |
|  | - User role: admin - Pre-condition: - User must be Login into the system with admin role.  - Admin view admin page successful | | | | | |  |  | |  | |
| [UC\_1] | Admin view list post topic and share topic | 1. Move on mouse to "Quick link" tab of left top of admin page and select "Edit (Reviews/Approve) News" | | | 1.Display Manage topic page with all topic in the system | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_2] | Admin delete post topic or share topic successful | 1. Selected one or more topic want delete by check on check box of deleted topic, select action Remove from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page without all deleted topic was deleted in the system | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_3] | Admin hide post topic or share topic successful | 1. Selected one or more topic want hide by check on check box of hide topic, select action Hide from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and change selected topic from show to hide | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_4] | Admin unhide post topic or share topic successful | 1. Selected one or more topic want unhide by check on check box of unhide topic, select action Show from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and change selected topic from hide to show | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_5] | Admin delete post topic or share topic unsuccessful | 1. Selected one or more topic want delete by check on check box of deleted topic, not select action from drop down list action and click on "Apply" button | | | 1. Redisplay Manage topic page and no any topic was deleted. | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_6] | Admin hide post topic or share topic unsuccessful | 1. Selected one or more topic want hide by check on check box of hide topic, select action from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and no any change selected topic from show to hide | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_7] | Admin unhide post topic or share topic unsuccessful | 1. Selected one or more topic want unhide by check on check box of unhide topic, select action Show from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and sno any change selected topic from hide to show | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_8] | Admin delete post topic or share topic unsuccessful | 1. Do not selected any topic want delete by check on check box of deleted topic, select action Remove from drop down list action and click on "Apply" button | | | 1. Redisplay Manage topic page and no any topic was deleted. | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_9] | Admin hide post topic or share topic unsuccessful | 1. Do not selected any topic want hide by check on check box of hide topic, select action Remove from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and no any change selected topic from show to hide | | Pass | 16-Dec-2012 | | BichTT01501 | |
| [UC\_10] | Admin unhide post topic or share topic unsuccessful | 1. Do not selected any topic want unhide by check on check box of unhide topic, select action Remove from drop down list action and click on "Apply" button | | | 1.Redisplay Manage topic page and sno any change selected topic from hide to show | | Pass | 16-Dec-2012 | | BichTT01501 | |
|  | **Admin manage all report topics** | | |  | |  | |  |  | |
|  | - User role: admin - Pre-condition: - User must be Login into the system with admin role.  - Admin view admin page successful | | | | |  | |  |  | |
| [UC\_1] | Admin view list report topics | | 1. Click on "Report topic" in the top of admin page. | 1.Display Manage report topic page with all topic in the system. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_2] | Admin search report topic by title successful. | | 1. Input valiad title of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed corresponding topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_3] | Admin search report topic by title unsuccessful. | | 1. Input invaliad title of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed no topic in list report topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_4] | Admin search report topic by author successful. | | 1. Input valiad name author of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed corresponding topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_5] | Admin search report topic by author unsuccessful. | | 1. Input invaliad author name of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed no topic in list report topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_6] | Admin search report topic by city successful. | | 1. Select city of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed corresponding topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_7] | Admin search report topic by district successful. | | 1. Select district of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed corresponding topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_8] | Admin search report topic by Type successful. | | 1. Select Type of report topic and click on "Find" button. | 1. Reload Manage report topic page and displayed corresponding topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_9] | Admin remove post topic or share topic out of list report topic successful | | 1. Click on "Report topic" in the top of admin page. 2. Click check box to want out of list report topic, choose "Out Report" action, and then click on "Apply" button. | 1. Display Manage topic page with all topic in the system 2. Reload topic manage page and removed topic has disappear of list topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_10] | Admin delete post topic or share topic out of list report topic successful | | 1. Click on "Report topic" in the top of admin page 2. Click check box to wanted delete topic, choose "Remove" action, and then click on "Apply" button. | 1. Display Manage topic page with all topic in the system 2. Reload topic manage page and deleted topic has disappear of list topic. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_11] | Admin remove post topic or share topic out of list report topic unsuccessful | | 1. Click on "Report topic" in the top of admin page. 2. Do not select any topic, choose "Out Report" action, and then click on "Apply" button. | 1. Display Manage topic page with all topic in the system 2. Reload manage report topic page and no any topic was out of report list. | | Pass | | 17-Dec-2012 | BichTT01501 | |
| [UC\_12] | Admin delete post topic or share topic out of list report topic unsuccessful | | 1. Click on "Report topic" in the top of admin page. 2. Do not select any topic, choose "Remove" action, and then click on "Apply" button. | 1. Display Manage topic page with all topic in the system 2. Reload manage report topic page and no any topic was deleted. | | Pass | | 17-Dec-2012 | BichTT01501 | |

# Appendix A: Test Logs

## Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Module** | **Pass** | **Fail** | **Untested** | **Number of Test case** |
| **Login-Logout** | **12** | **0** | **0** | **12** |
| **User manage Owner profile** | **8** | **0** | **0** | **8** |
| **User manage favorite** | **5** | **0** | **0** | **5** |
| **View list created topics** | **3** | **0** | **0** | **3** |
| **View topics detail** | **50** | **0** | **0** | **50** |
| **Edit topics** | **36** | **0** | **0** | **36** |
| **Hide topics** | **14** | **0** | **0** | **14** |
| **Refresh topics** | **20** | **0** | **0** | **20** |
| **Delete topic** | **7** | **0** | **0** | **7** |
| **Rate topic** | **12** | **0** | **0** | **12** |
| **Report topic** | **10** | **0** | **0** | **10** |
| **Compare topics** | **11** | **0** | **0** | **11** |
| **Add topic to favorite list** | **4** | **0** | **0** | **4** |
| **Manage recent topics** | **4** | **0** | **0** | **4** |
| **Create new/share topic** | **44** | **0** | **0** | **44** |
| **Search** | **16** | **0** | **0** | **16** |
| **<Admin> Manage user** | **41** | **0** | **0** | **41** |
| **<Admin> Manage locations** | **12** | **0** | **0** | **12** |
| **<Admin> Manage topics** | **10** | **0** | **0** | **10** |
| **<Admin> Manage report topics** | **12** | **0** | **0** | **12** |
| **Total** | **331** | **0** | **0** | **331** |

## Bug Lists

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Module | Bug Descriptions | Expected Result | Assign | Status |
| 1. | Hide topic | Visitor/ User still view detail topic when topic was hidden (by admin, owner of topic or system) | When topic was hidden, that only admin and owner of topic can view detail of hidden topic | ThuongND | Close |
| 2. | Edit topic | When admin or owner topic edit topic, the values of drop down list change to default value, dose not remain. | When admin or owner topic edit topic, the values of drop down list must be remain, dose not change. | TungCM | Close |
| 3. | Create new topic | Price, Area was not validate number | Price, Area fields must be validate number, User only type number into Price, Area fields. | TungCM | Close |
| 4. | Create new topic | Text box "Thu tiền" was not invisible when radio button "Không" or "Miễn Phí" was checked. | Text box "Thu tiền" is only visible when user check radio button "Thu tiền" and visible in other case | TungCM | Close |
| 5. | User edit profile | Text box "Name" was not check maxlenght when user edit display name. | User can change display name with max 50 character and cannot input more than 50 character | ThuongND | Close |
| 6. | User edit profile | User change profile with image have large size, system redirect to error 500 page | When user can change avatar with any image has free size. | TungCM | Close |
| 7. | Admin manage topic | Admin don’t select any topic and click "Apply" button, system redirect to error 500 page | When admin don't select any topic and click "Apply" button, that system will reload page | TungCM | Close |