# CHAPTER 3. REQUIREMENT SPECIFICATION

## Purpose

This chapter outlines functional and non – functional requirements of our website. It also provides some format constraints in common requirements and project success criteria. All members will work (design, code, test) based on the information provided in this chapter

## Functional Requirements

### Use Case Diagram

Table 3‑1 Use Case Diagram

### Use Case List

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Use case ID** | **Name** | **Primary Actor** |
|  | UC-1.0 | **Register** | Guest |
|  | UC-2.0 | Login | Member, Admin |
|  | UC-3.0 | Logout | Member, Admin |
|  | UC-4.0 | Change password | Member, Admin, Super Admin |
|  | UC-5.0 | Create profile | Member, Admin, Guest |
|  | UC-6.0 | Edit profile | Member, Admin, Guest |  |
|  | UC-7.0 | Delete profile | Member, Admin, Guest |  |
|  | UC-8.0 | Favorite post | Member, Admin |
|  | UC-9.0 | Like Post | Member |
|  | UC-10.0 | Comment post | Member, Admin, Guest |
|  | UC-11.0 | Create post | Member, Admin |
|  | UC-12.0 | Edit post | Member, Admin |
|  | UC-13.0 | Delete post | Member, Admin |
|  |  |  |  |
|  | UC-14.0 | Search | Member, Admin, Guest |
|  | UC-15.0 | View post | Member, Admin, Guest |
|  | UC-16.0 | Forget password | Member, Admin |
|  | UC-17.0 | Reset pass for member | Admin |
|  | UC-18.0 | Reset pass for admin | Super Admin |
|  | UC-19.0 | View all admin | Super Admin |
|  | UC-20.0 | View statistics | Super Admin, Admin |

### Business Rules

|  |  |
| --- | --- |
| **No** | **Description** |
| **B01** | The banned account cannot log in the system. |

### Use Cases

#### Register

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Register** | | |
| Created By: | **LongNH** | Date Created: | **19/09/2017** |
| Primary Actor: | **Guest** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor Register account to log into TripNet | | |
| Preconditions: | **PRE-1.1.** Actor access to website TripNet | | |
| Postconditions: | **POST-1.1.** Redirect to SignUpSuccessfulPage | | |
| Normal Flow: | **1.0 Register**   1. Actor access to website TripNet 2. Actor clicks on link “Login” 3. Actor clicks on link “Đăng kí” 4. TripNet show Register form 5. Actor fills all required fields contains:  * Tài khoản * E-mail * Mật khẩu * Xác nhận mật khẩu * Mã captcha  1. Actor clicks on button [Đăng kí] 2. TripNet redirect to SignUpSuccessfulPage | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – Actor does not fill the required fields**  TripNet displays error message: “Đây là thông tin bắt buộc.” beside the required field  **1.0-E2 – Password and confirm password textbox field does not match**  TripNet displays error message: “Mật khẩu xác nhận không chính xác.” beside the password confirmation field  **1.0-E3 – The password field and username field have length from 8 to 64 characters**  TripNet displays error message: “Độ dài lớn hơn 8 và nhỏ hơn 64” beside the password field and id field  **1.0-E4 – The email field is not valid**  TripNet displays error message: “Email không chính xác” beside the email field   1. **E5 – Email or username field were exists**   TripNet displays error message: “Tên tài khoản đã tồn tại” or “Email đã được sử dụng” | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Login

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Login** | | |
| Created By: | **LongNH** | Date Created: | **19/09/2017** |
| Primary Actor: | **Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor logins to TripNet | | |
| Preconditions: | **PRE-1.1.** Actor has not logged in to TripNet | | |
| Postconditions: | **POST-1.1.** Actor is logged in with their account | | |
| Normal Flow: | **2.0. Login**   1. Actor accesses TripNet website 2. Actor types in their email and password 3. Actor clicks “Login” or press the Enter key 4. Redirects: The browser is redirected to Home Page if actor is not Admin | | |
| Alternative Flows: | **2.1 Login with Facebook**   1. Actor accesses TripNet website 2. Actor clicks “Đăng nhập bằng Facebook” button 3. Actor logins their Facebook account in the popup dialog if they have not already logged in 4. Actor accepts to share their Facebook email address and public profile 5. The browser is redirected to Home Page | | |
| Exceptions: | **2.0-E1 – Actor doesn’t fill the “Email” textbox or “Mật khẩu” textbox**  TripNet displays error message: “Hãy điền email và mật khẩu”  **2.1-E1 – Actor doesn’t fill the “Email” textbox**  TripNet displays error message: “Hãy điền email”  **2.2-E1 – Actor doesn’t fill the “Password” textbox**  TripNet displays error message: “Hãy điền mật khẩu” | | |
| Priority: | High | | |
| Frequency of Use: | Low | | |
| Business Rules: | **B34** | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Logout

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Logout** | | |
| Created By: | **LongNH** | Date Created: | **19/09/2017** |
| Primary Actor: | **Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor logs out of the website | | |
| Preconditions: | **PRE-3.1.** Actor logged in to TripNet | | |
| Postconditions: | **POST-3.1.** Actor is logged out of TripNet | | |
| Normal Flow: | **3.0. Logout**   1. Actor clicks the “Đăng xuất” button on the left of navigation bar 2. The website redirects to login page | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Change password

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Change password** | | |
| Created By: | **LongNH** | Date Created: | **19/09/2017** |
| Primary Actor: | **Member, Admin, Super Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor change personal password | | |
| Preconditions: | **PRE-3.1.** Actor login to website TripNet  **PRE-3.2.** Actor access to ChangePasswordByUser page | | |
| Postconditions: | **POST-1.1.** Redirect to UserDetails page | | |
| Normal Flow: | **3.0 Change Personal Password**   1. Actor access to website TripNet 2. Click on hyperlink username 3. Click on tab [Thay đổi mật khẩu] 4. Fill all the fields:  * Mật khẩu cũ * Mật khẩu mới * Xác nhận mật khẩu mới  1. Click [Cập nhật] button | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **3.0-E1 – Actor does not fill the required fields**  TripNet displays error message: “Đây là thông tin bắt buộc.” beside the required field  **3.0-E2 – New Password and confirm password textbox field does not match**  TripNet displays error message: “Mật khẩu xác nhận không chính xác.” beside the field  **3.0-E3 – The old password field and new password field have length from 8 to 64 characters**  TripNet displays error message: “Độ dài lớn hơn 8 và nhỏ hơn 64” beside the password field and id field | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Reset password

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Reset password** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **User, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor change personal password | | |
| Preconditions: | **PRE-3.1.** Actor login to website TripNet  **PRE-3.2.** Actor access to ResetPasswordByUser page | | |
| Postconditions: | **POST-1.1.** Redirect to UserDetails page | | |
| Normal Flow: | **4.0 Reset password**   1. Actor access to website TripNet 2. Click on link “Login” 3. Click on link “Quên mật khẩu” 4. Fill the field:  * Tài khoản quên mật khẩu  1. Click [Nhận mật khẩu mới] button | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **4.0-E1 – Actor does not fill the required fields**  TripNet displays error message: “Đây là thông tin bắt buộc.” beside the required field  **4.0-E2 – The username field field have length from 8 to 64 characters**  TripNet displays error message: “Độ dài lớn hơn 8 và nhỏ hơn 64” beside the field | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Create profile

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Create profile** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **User, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor change personal information | | |
| Preconditions: | **PRE-2.1.** Actor login to website TripNet  **PRE-2.2.** Actor access to ChangeInfoByUser page | | |
| Postconditions: | **POST-1.1.** Redirect to UserDetails page | | |
| Normal Flow: | **2.0 Change Personal Information**   1. Actor access to website TripNet 2. Click on hyperlink username 3. Click on tab [Thông tin cá nhân] 4. Fill all the required field:  * Tên * Họ * Số điện thoại * Địa chỉ  1. Can fill other field:  * Giới tính * Mô tả bản thân * Ảnh đại diện  1. Click [Tạo] button | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **2.0-E1 – Actor does not fill the required fields**  TripNet displays error message: “Đây là thông tin bắt buộc.” beside the required field  **2.0-E2 – Phone number field is not valid**  TripNet displays error message: “Số điện thoại không chính xác” beside the phone number field  **2.0-E3 – The Firstname field, Lastname field and Address field have length from 0 to 50 characters**  TripNet displays error message: “Độ dài lớn hơn 0 và nhỏ hơn 50” beside the fields  **2.0-E4 – The Description field has length from 0 to 128**  TripNet displays error message: “Độ dài lớn hơn 0 và nhỏ hơn 128” beside the field  **2.0-E5 – Avatar upload is not valid**  TripNet displays error message: “Ảnh đại diện phải có dạng \*png, \*jpg” | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Edit profile

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | 1. **Edit profile** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **User, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor change personal information | | |
| Preconditions: | **PRE-2.1.** Actor login to website TripNet  **PRE-2.2.** Actor access to ChangeInfoByUser page | | |
| Postconditions: | **POST-1.1.** Redirect to UserDetails page | | |
| Normal Flow: | **2.0 Change Personal Information**   1. Actor access to website TripNet 2. Click on hyperlink username 3. Click on tab [Thông tin cá nhân] 4. Fill all the required field:  * Tên * Họ * Số điện thoại * Địa chỉ  1. Can fill other field:  * Giới tính * Mô tả bản thân * Ảnh đại diện  1. Click [Lưu] button | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **2.0-E1 – Actor does not fill the required fields**  TripNet displays error message: “Đây là thông tin bắt buộc.” beside the required field  **2.0-E2 – Phone number field is not valid**  TripNet displays error message: “Số điện thoại không chính xác” beside the phone number field  **2.0-E3 – The Firstname field, Lastname field and Address field have length from 0 to 50 characters**  TripNet displays error message: “Độ dài lớn hơn 0 và nhỏ hơn 50” beside the fields  **2.0-E4 – The Description field has length from 0 to 128**  TripNet displays error message: “Độ dài lớn hơn 0 và nhỏ hơn 128” beside the field  **2.0-E5 – Avatar upload is not valid**  TripNet displays error message: “Ảnh đại diện phải có dạng \*png, \*jpg” | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View personal page

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-9.0: View personal** | | |
| Created By: | **LongNH** | Date Created: | **01/03/2016** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor goes to personal page | | |
| Preconditions: | Actor logged in to webside TripNet | | |
| Postconditions: | **POST-1.1.** The personal page is showed to actor | | |
| Normal Flow: | **1.0 View personal page**  1. Actor click the the user’s id on header bar after logged in, on seller information, …  2. TripNet redirects to the user’s personal page  3. The opening post list is showed on the page | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-10.0: View post** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2017** |
| Primary Actor: | **Guest, Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor views a post’s detail | | |
| Preconditions: | None | | |
| Postconditions: | **POST-1.1.** The post’s detail is displayed on the browser | | |
| Normal Flow: | **1.0. View post from post list**   1. Actor accesses Home/ Category/ User’s post Page and click “Xem chi tiết” button under one post 2. TripNet redirects to that post page and displays that post’s detail | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor likes comment**  TripNet displays error message: “Bài đăng này hiện không khả dụng” and returns to Homepage | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Bookmark post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-11: Bookmark post** | | |
| Created By: | **LongNH** | Date Created: | **01/03/2016** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor bookmark post’s address | | |
| Preconditions: | Actor logged in | | |
| Postconditions: | **POST-1.1.** The post addresses is bookmark for actor | | |
| Normal Flow: | **1.0 Bookmark post**  1. Actor accesses Post Page Actor and clicks to “Đánh dấu” button  2. TripNet saves the new bookmarks to list | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor bookmark**  TripNet displays error message: **“**Bài đăngnày hiện không khả dụng” and returns to Homepage | | |
| Priority: | Low | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Like post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-12: Like post** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2016** |
| Primary Actor: | **Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor likes a post | | |
| Preconditions: | + Actor logged in  + Actor hasn’t liked the post | | |
| Postconditions: | **POST-1.1.** The post is liked by this actor | | |
| Normal Flow: | **1.0. View post**   1. Actor accesses Post Page 2. TripNet displays the post’s comments   **1.1. Like post**   1. Actor click to “Thích” button next to the post title 2. TripNet saves the post’s like to database 3. The button “Thích” is changed to “Bỏ thích” | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor likes post**  TripNetdisplays error message: “Bài đăng này hiện không khả dụng” and returns to Homepage | | |
| Priority: | Low | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Un-bookmark post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-13: Un-bookmark post** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor un-bookmark post’s address | | |
| Preconditions: | Actor logged in | | |
| Postconditions: | **POST-1.1.** The post addresses is un-bookmark from actor’s bookmark list | | |
| Normal Flow: | **1.0 Bookmark post**  1. Actor accesses Post Page Actor and clicks to “Bỏ đánh dấu” button  2. TripNet deletes the bookmarks from list | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor un-bookmark**  TripNet displays error message: “Bài đăngnày hiện không khả dụng” and returns to Homepage | | |
| Priority: | Low | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Unlike post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-14.0: Like post** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2016** |
| Primary Actor: | **Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor un-likes a post | | |
| Preconditions: | + Actor logged in  + Actor has liked the post | | |
| Postconditions: | **POST-1.1.** The post is un-liked by this actor | | |
| Normal Flow: | **1.0. View post**   1. Actor accesses Post Page 2. TripNet displays the post’s comments   **1.1. Like post**   1. Actor click to “Bỏ thích” button next to the post title 2. TripNet saves the post’s like to database 3. The button “Bỏ thích” is changed to “Thích” | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor likes post**  TripNet displays error message: “Bài đăng này hiện không khả dụng” and returns to Homepage | | |
| Priority: | Low | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View category

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-15: View category** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **Member, Admintrator** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actors see the post categories | | |
| Preconditions: | Actor logged in | | |
| Postconditions: | **POST-1.1.** The category list is showed | | |
| Normal Flow: | **1.0. View notifications**   1. Actor point to the “Danh mục” tab on the taskbar 2. The category list is showed and disappears if actor point not to list or the symbol | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Commend post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-16: Commend post** | | |
| Created By: | **LongNH** | Date Created: | **29/09/2017** |
| Primary Actor: | **Member, Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor comments on a post | | |
| Preconditions: | + Actor logged in | | |
| Postconditions: | **POST-1.1.** The comment is created and showed on the post | | |
| Normal Flow: | **1.0. View post**   1. Actor accesses Post Page 2. TripNet displays the post’s comments   **1.1. Like comment**   1. Actor enters comment’s content to the text area on the bottom of Comment tab 2. Actor click on “Bình luận” button next to the text area. 3. The TripNet gets the comment’s content, saves and display to the comment tab | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor comment**  TripNet displays error message: “Bài đăngnày hiện không khả dụng” and returns to Homepage | | |
| Priority: | Low | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Create post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-17: Create post** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor create new post | | |
| Preconditions: | Actor logged in | | |
| Postconditions: | **POST-1.1.** The post is created in preparing status | | |
| Normal Flow: | 1. **Create new post** 2. Actor accesses createPost Page and fill the information of new post 3. Actor click “tạo mới” button and fill the information of new post   **1.1.1 The information is false**  1. TripNet notifies actor for which field doesn’t have true information  **1.1.2 The information is true**  1. TripNet creates that new post  2. Redirect to the new post | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – Actor does not fill the “Tiêu đề” field or fills more than 50 characters**  TripNet displays error message: “Xin hãy điền thông tin vào mục này, tối đa 50 ký tự.” beside the required field  **1.0-E2 – Actor does not fill the “Nội dung” field or fills more than 1500 characters**  TripNet displays error message: “Xin hãy điền thông tin vào mục này, tối đa 1500 ký tự.” beside the required field  **1.0-E3 – Actor does not fill the “Địa điểm bán” field or fills more than 50 characters**  TripNet displays error message: “Xin hãy điền thông tin vào mục này, tối đa 50 ký tự.” beside the required field | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Edit post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-18.0: Edit post** | | |
| Created By: | **LongNH** | Date Created: | **26/09/2017** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor edit post’s information | | |
| Preconditions: | Actor logged in and owns this post | | |
| Postconditions: | **POST-1.1.** The post information is changed as actor’s input | | |
| Normal Flow: | **1.0 Edit post information**  1. Actor accesses Post Page Actor and click to “Thay đổi thông tin” button  2. The Changing information modal is showed  3. Actor changes the information of post by changing the information field  **1.1.1 The information is false**  1. TripNet notifies actor for which field doesn’t have true information  **1.1.2 The information is true**  1. TripNet change the post’s information  2. Return to current page | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – Actor does not fill the “Tiêu đề” field or fills more than 50 characters**  TripNet displays error message: “Xin hãy điền thông tin vào mục này, tối đa 50 ký tự.” beside the required field  **1.0-E2 – Actor does not fill the “Nội dung” field or fills more than 1500 characters**  TripNet displays error message: “Xin hãy điền thông tin vào mục này, tối đa 1500 ký tự.” beside the required field | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Delete post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-19.0: Delete post** | | |
| Created By: | **LongnNH** | Date Created: | **03/10/2017** |
| Primary Actor: | **Admin, Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Member delete their post | | |
| Preconditions: | - Actor logged in website Tripnet  - Actor logged in and owns this post | | |
| Postconditions: | **POST-1.1.** The post had deleted | | |
| Normal Flow: | **1.0 delete post**  1. Actor accesses Post Page Actor and click to “Xóa bài đăng” button  2. TripNet show dialog “Bạn có chắc chắn muốn xóa bài đăng này ?”  3. Actor click “Yes” to delete or “No” to cancel | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **The post is deleted before actor delete**  TripNet displays error message: “Bài đăngnày hiện không khả dụng” and returns to Homepage | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Report post

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-20.0: Report post** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2016** |
| Primary Actor: | **Member** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Actor reports the violated post | | |
| Preconditions: | Actor logged in | | |
| Postconditions: | **POST-1.1.** The post report is sent to admin | | |
| Normal Flow: | **1.0 Report post**  1. Actor accesses Post Page Actor and click to “Báo cáo vi phạm” button  2. The Report information modal is showed  3. Actor fills the information on the modal  **1.1.1 The information is false**  1. TripNet notifies actor for which field doesn’t have true information  **1.1.2 The information is true**  1. TripNet sends report to admin  2. Return to current page | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **1.0-E1 – The post is deleted before actor likes comment**  TripNet displays error message: “Bài đăngnày hiện không khả dụng” and returns to Homepage | | |
| Priority: | High | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### Search

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-21.0: Search** | | |
| Created By: | **LongNH** | Date Created: | **03/010/2017** |
| Primary Actor: | **Admin,Member, Guest** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Search place, post | | |
| Preconditions: | **PRE-9.1.** Actor access to website TripNet | | |
| Postconditions: | **POST-9.1.** Redirect to SearchResult page | | |
| Normal Flow: | 1. **Search** 2. Actor access to website TripNet 3. Choose type search in dropdownlist : “Tỉnh”, “Số ngày” 4. Input term into text box search (TripNet will show some suggestions) 5. Click [Tìm kiếm] button 6. Redirect to SearchResult with results | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **9.0-E1 – No result found**  TripNet displays message: “Không tìm thấy kết quả nào” | | |
| Priority: | Medium | | |
| Frequency of Use: | High | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View report

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-22.0: View report** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2017** |
| Primary Actor: | **Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Admin sees reported posts | | |
| Preconditions: | Actor logged as Admin | | |
| Postconditions: | **POST-1.1.** The reports are showed | | |
| Normal Flow: | **1.0.** View report  1. Admin go to “Quản lý bài đăng vi phạm” or “Quản lý người dùng vi phạm” page  2. TripNet shows all reports to admin | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View statistics

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-22.0: View statistics** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2017** |
| Primary Actor: | **Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Admin sees statistics of website | | |
| Preconditions: | Actor logged as Admin | | |
| Postconditions: | **POST-1.1.** The reports are showed | | |
| Normal Flow: | **1.0.** View report  1. Admin go to “Quản lý trang”  2. TripNet shows all statistics to admin | | |
| Alternative Flows: | N/A | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Medium | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### View user

Use case specification

|  |  |  |  |
| --- | --- | --- | --- |
| UC ID and Name: | **UC-23.0: View user** | | |
| Created By: | **LongNH** | Date Created: | **03/10/2017** |
| Primary Actor: | **Admin** | Secondary Actors: | N/A |
| Trigger: | N/A | | |
| Description: | Admin view user details | | |
| Preconditions: | **PRE-1.1.** Actor login to TripNet with admin account  **PRE-1.2.** Actor access to ManageUser page  **PRE-1.3.** Actor access to UserDetails page | | |
| Postconditions: | **N/A** | | |
| Normal Flow: | View user  1. Actor access to website TripNet 2. Actor login with admin account 3. Actor click on tab [Quản lý người dùng] 4. Actor click on “Details” hyperlink 5. Show user details:  * User name * Email * Join date * Authority * Total posts * Stars * Number of vote * IP Address * Is Ban * First Name * Last Name * Gender * Phone number * Address * Description * Avatar | | |
| Alternative Flows: | N/A | | |
| Exceptions: | **N/A** | | |
| Priority: | Medium | | |
| Frequency of Use: | Low | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |