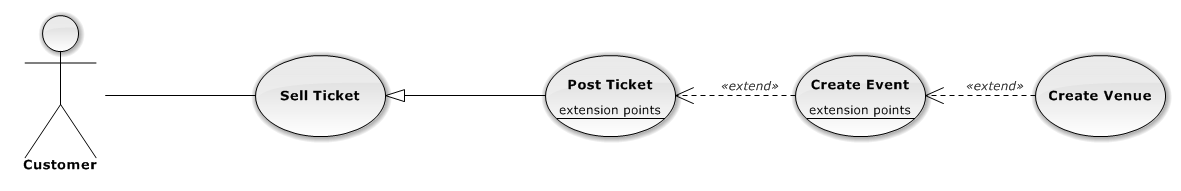
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Actor:** Customer  **Summary:** This use case is about how to buy a ticket  **Goal:** Customer can buy ticket successful  **Triggers:** N/A  **Pre-conditions:**  Customer has logged into system  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on an event | Navigate to Event page | | 2 | Choose a ticket and click on “Đặt vé” button | Navigate to Buy Ticket page | | 3 | Click on “Xác nhận” button | Navigate to PayPal page | | 4 | Complete transaction on Paypal | Navigate to Buy Success page |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

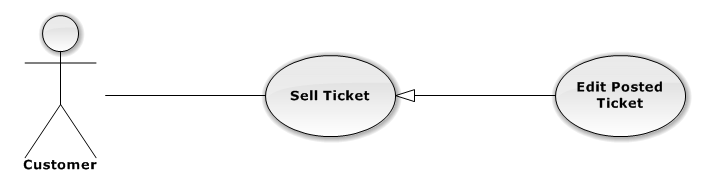
###### **3.2.2.2.14 Post Ticket**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| USE CASE – POST TICKET | | | | |
| Use-case No. | UC02.14 | Use-case Version | | 1.0 |
| Use-case Name | Post Ticket | | | |
| Author | TungDN | | | |
| Date | 06/01/2013 | Priority | Normal | |
| **Actor:** Customer  **Summary:** This use case is about how to post a ticket  **Goal:** Customer can post ticket successful  **Triggers:** N/A  **Pre-conditions:**  Customer has logged into system  **Post-conditions:** Ticket is posted successful  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Bán vé” tab | Navigate to Sell ticket page | | 2 | Click “Bán vé” link | Navigate to Create ticket page | | 3 | Fill mandatory fields and click “Đăng vé” button | - Does validation, check conflict and save data  - Navigate back to Home page |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Bán vé” tab | Navigate to Sell ticket page | | 2 | Click on “Bán vé” link | Navigate to Create ticket page | | 3 | Check “Tạo mới” box in “Tên sự kiện” field and input new event name | Display notice message about post ticket | | 4 | Fill mandatory fields and click “Đăng vé” button | - Does validation, check conflict and save data  - Navigate back to Home page |  |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Bán vé” tab | Navigate to Sell ticket page | | 2 | Click on “Bán vé” link | Navigate to Create ticket page | | 3 | Check on “Tạo mới” box in “Tên sự kiện” field and input new event name | Display notice message about post ticket | | 4 | Check “Tạo mới” box in “Nơi tổ chức” field and input new venue | Input information normally | | 5 | Fill mandatory fields and click “Đăng vé” button | - Does validation, check conflict and save data  - Navigate back to Home page |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Same as Main Success Scenario | | | 2 | Same as Main Success Scenario | | | 3 | Does not fill all required field or enters invalid data | Display warning message to notify the missing field or invalid data |   **Relationships:**  N/A  **Business Rules:** N/A | | | | |

###### 

###### **3.2.2.2.15 Edit Posted Ticket**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| USE CASE – EDIT POSTED TICKET | | | | |
| Use-case No. | UC02.15 | Use-case Version | | 1.0 |
| Use-case Name | Edit Posted Ticket | | | |
| Author | TungDN | | | |
| Date | 06/01/2013 | Priority | Normal | |
| **Actor:** Customer  **Summary:** This use case is about how to edit posted ticket information  **Goal:** Customer can edit ticket information successful  **Triggers:** N/A  **Pre-conditions:**  Ticket want to edit is not in transaction  **Post-conditions:** Ticket is updated successful  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Bán vé” tab | Navigate to Sell ticket page | | 2 | Click on “Danh sách rao bán” link | Navigate to List posted ticket page | | 3 | Click on a posted ticket | Display ticket information | | 4 | Click on “Chỉnh sửa” button | Navigate to Edit ticket page | | | | | |

* Sytem can check status of event and transaction after period of time.

#### 3.1.6 Authorized User

* An authorized user can change password and personal information.

### 3.2 System Requirement Specification

#### 3.2.1 External Interface Requirements

##### **3.2.1.1 User Interfaces**

* The design should be simple and user-friendly. Violet and dark will be 2 main colors of the website while charts may have more color to visually express data more effectively.
* The menu bar should be on the left and not take too much space of the screen. It consists of the list of main functions of the system that users can access.
* The design should be responsive. It means that the web components should be scaled according to a range of resolutions and devices to provide a consistent experience, no matter what.

##### **3.2.1.2 Hardware Interfaces**

* To access to the system, users only need any type of computer, tablet, or mobile phone with a fair internet connection.

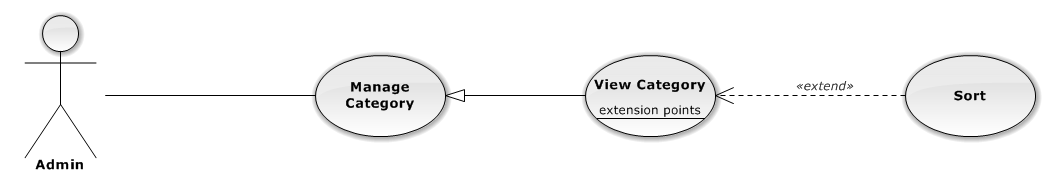
##### **3.2.1.3 Software Interfaces**

* At the server side, the system should run on top of Windows 7, Windows Server 2008 R2 or later versions of Windows Server. Besides, Microsoft .NET Framework 4.5 and MVC 4 should be installed on the server. The database management system use for Drop\_It is SQL Server 2012 Express.
* At the client side, users can use any modern browser that supports JavaScript and HTML 5 to access to the system.

##### **3.2.1.4 Communications Protocol**

HTTP is the protocol used for loading the web site in browsers.

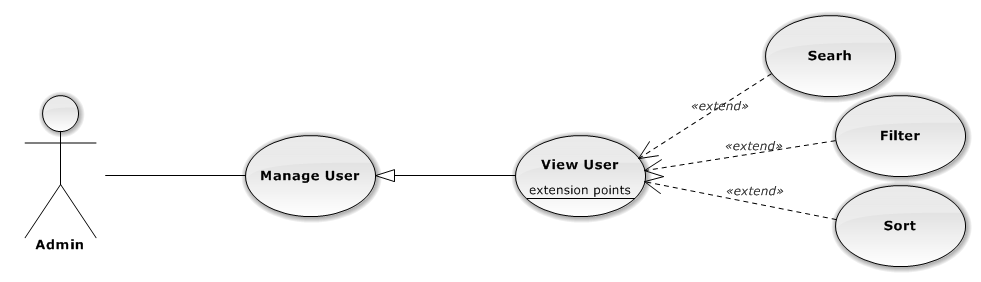
###### **3.2.2.1.2 View Category**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW CATEGORY | | | |
| Use-case No. | UC01.02 | Use-case Version | 1.0 |
| Use-case Name | View Category | | |
| Author | HieuCM | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how admin view category  **Goal:** View category successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Danh mục” tab | Navigate to Manage Category page | | 2 | Click “Hiển thị” tab | Display showed category list | | 3 | Click “Không hiển thị” tab | Display not showed category list |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Danh mục” tab | Navigate to Manage Category page | | 2 | Click “Hiển thị” tab or “Không hiển thị” tab | Display showed/hidden category list | | 3 | Click on “Tên danh mục” label | Display list of categories sort by category name |   **Exceptions:**  N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | |

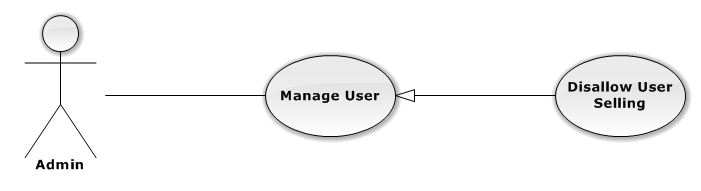
|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Actor:** Admin  **Summary:** This use case is about how to show category after hidden  **Goal:** Category is shown  **Triggers:** N/A  **Pre-conditions:** Category is hidden  **Post-conditions:** Show category successful  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Danh mục” tab | Navigate to Manage Category page | | 2 | Choose Category in hidden category and click “Hiện” button | Selected category is shown successfully |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

###### **3.2.2.1.8 View User**



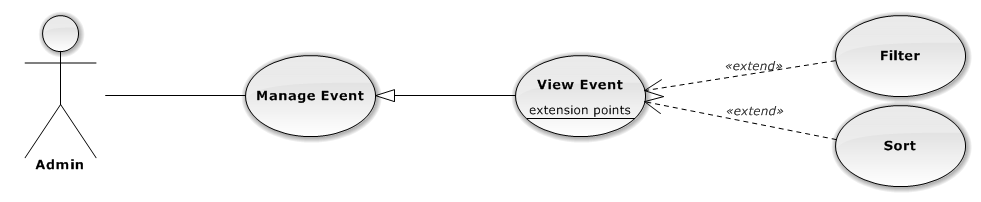
|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW USER | | | |
| Use-case No. | UC01.08 | Use-case Version | 1.0 |
| Use-case Name | View User | | |
| Author | PhongLK | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about admin view users  **Goal:** View users successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Người dùng” tab | - Navigate to Manage User page  - Display list of users | | 2 | Click on a user | Display user information | | | | |

###### **3.2.2.1.12 Disallow User Selling**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – DISALLOW USER SELLING | | | |
| Use-case No. | UC01.12 | Use-case Version | 1.0 |
| Use-case Name | Disallow User Selling | | |
| Author | PhongLK | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how to disallow user selling  **Goal:** Disallow user selling successful  **Triggers:** N/A  **Pre-conditions:** User is allowed to sell  **Post-conditions:** User is disallowed to sell  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “User” button | Navigate to Manage User page | | 2 | Choose user want to allow selling tick on “Được bá” checkbox | - Allow user selling successful  - Display message disallow user selling success on top |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | |

###### **3.2.2.1.13 View Event**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW EVENT | | | |
| Use-case No. | UC01.13 | Use-case Version | 1.0 |
| Use-case Name | View Event | | |

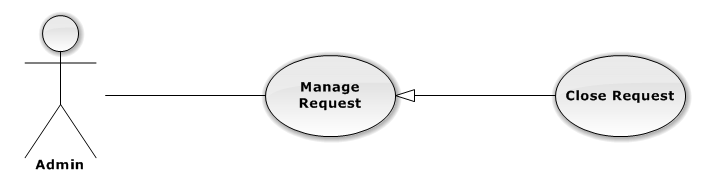
|  |  |  |  |
| --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | |  | button | successful |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

###### **3.2.2.1.19 View Request**



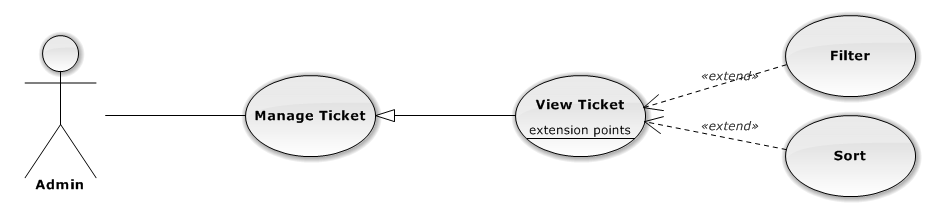
|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW REQUEST | | | |
| Use-case No. | UC01.19 | Use-case Version | 1.0 |
| Use-case Name | View Request | | |
| Author | TungNT | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how admin view request  **Goal:** Admin view request successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Yêu cầu” tab | Navigate to Manage Request page |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Yêu cầu” tab | Navigate to Manage Request page | | 2 | Click on “Sự kiện” label or Click on  “Người đăng” label | Display requests sort by event name or  Display requests sort by user name |   **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | |

###### **3.2.2.1.20 Close Request**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – CLOSE REQUEST | | | |
| Use-case No. | UC01.20 | Use-case Version | 1.0 |
| Use-case Name | Close Request | | |
| Author | TungNT | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how to close request after created  **Goal:** N/A  **Triggers:** N/A  **Pre-conditions:** Request is created  **Post-conditions:** Close request successful  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Yêu cầu” tab | Navigate to Manage Request page | | 2 | Choose request want to close and click on “Đóng” button | Display confirm message | | 3 | Click on “Yes” button | Selected request is closed successful |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | |

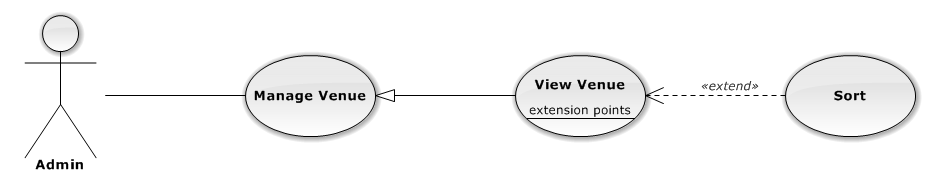
###### **3.2.2.1.21 View Ticket**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW TICKET | | | |
| Use-case No. | UC01.21 | Use-case Version | 1.0 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | 1 | Click on “Vé” tab | Navigate to Manage Ticket page | | 2 | Click on “Tạm hoãn” tab | Show list of disapproved ticket | | 3 | Choose a ticket and click on “Xóa” button | Display confirm message | | 4 | Click “Yes” button | Delete ticket successful |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

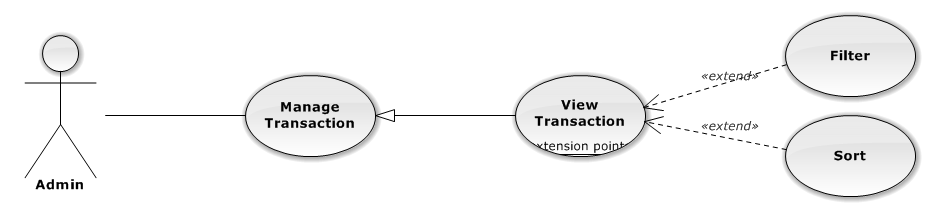
###### **3.2.2.1.26 View Venue**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW VENUE | | | |
| Use-case No. | UC01.26 | Use-case Version | 1.0 |
| Use-case Name | View Venue | | |
| Author | TungNT | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how admin view venue  **Goal:** View venue successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Địa điểm” tab | Navigate to Manage Venue page | | 2 | Click on “Chưa duyệt” tab | Display disapproved venue list | | 3 | Click on “Đã duyệt” tab | Display approved venue list | | 4 | Move mouse to a venue | Display hover about venue information |   **Alternative Scenario:** | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Use-case No. | UC01.31 | Use-case Version | 1.0 |
| Use-case Name | Disapprove Venue | | |
| Author | TungNT | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how to disapprove venue  **Goal:** Venue is approved  **Triggers:** N/A  **Pre-conditions:** Venue is already approved  **Post-conditions:** Disapprove venue successful  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Địa điểm” tab | Navigate to Venue page | | 2 | Click on “Đã duyệt” tab | Show list of approved venues | | 3 | Choose venue want to disapprove and click on “Bỏ duyệt” button | Disapprove selected venue successful |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | |

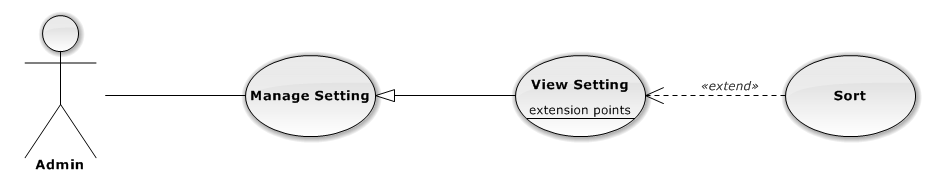
###### **3.2.2.1.32 View Transaction**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW TRANSACTION | | | |
| Use-case No. | UC01.32 | Use-case Version | 1.0 |
| Use-case Name | View Transaction | | |
| Author | HieuCM | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how admin view transaction  **Goal:** View transaction successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:** | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Summary:** This use case is about how to update transaction  **Goal:** Update transaction successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** Transaction is updated  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on “Giao dịch” tab | Navigate to Manage Transation page | | 2 | Click on a “Đã thanh toán” tab | Display paid transaction list | | 3 | Choose a transaction and click “Giao hàng” button | - Transaction disappeared  - Transaction status changed to delivering | | 4 | Click on a “Giao hàng” tab | Show delivering transaction list | | 5 | Choose a transaction and click “Nhận hàng” button | - Transaction disappeared  - Transaction status changed to received | | 6 | Click on a “Đã nhận hàng” tab | Display received transaction list |   **Alternative Scenario:**  N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

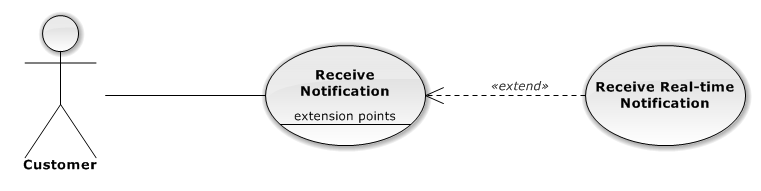
###### **3.2.2.1.34 View Setting**



|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – VIEW SETTING | | | |
| Use-case No. | UC01.34 | Use-case Version | 1.0 |
| Use-case Name | View Setting | | |
| Author | TungNT | | |
| Date | 06/01/2013 | Priority | Normal |
| **Actor:** Admin  **Summary:** This use case is about how admin view setting  **Goal:** View setting successful  **Triggers:** N/A | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | |  |  | in followed event |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A |

###### **3.2.2.2.18 Receive Real-time Notification**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| USE CASE – RECEIVE REAL-TIME NOTIFICATION | | | | |
| Use-case No. | UC02.18 | Use-case Version | | 1.0 |
| Use-case Name | Receive Real-time Notification | | | |
| Author | PhongLK | | | |
| Date | 06/01/2013 | Priority | Normal | |
| **Actor:** Customer  **Summary:** This use case is about how user receive real-time notification  **Goal:** Customer can receive real-time notification successful  **Triggers:** N/A  **Pre-conditions:**  Customer has followed an event  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Open two browser and login with two account, one has followed event | Navigate to home page with username on top right | | 2 | Post ticket in event that remain user has followed | - Posted ticket successful  - There’s real-time notification about posted ticket in followed event at bottom left | | 3 | Click on real-time notification | Navigate to posted ticket | | 4 | Request ticket in event that remain user has followed | - Requested ticket successful  - There’s real-time notification about posted ticket in followed event at bottom left | | 5 | Click on real-time notification | Navigate to request page |   **Alternative Scenario:** N/A  **Exceptions:** N/A | | | | |

###### **3.2.2.3.3 View Event Detail**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| USE CASE – VIEW EVENT DETAIL | | | | |
| Use-case No. | UC03.03 | Use-case Version | | 1.0 |
| Use-case Name | View Event Detail | | | |
| Author | TungDN | | | |
| Date | 01/06/2013 | Priority | Normal | |
| **Actor:** Customer, Authorized User  **Summary:** This use case is about how actor views event detail  **Goal:** Actor can view event detail successful  **Triggers:** N/A  **Pre-conditions:** N/A  **Post-conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on an event | Navigate to Event page |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships:**  N/A  **Business Rules:** N/A | | | | |