Visitor

1. **Register**

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| **USE CASE – Register SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Register | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor  **Summary:**  Visitor can create new account to use more functions as a registered user.  **Goal:**  Registered new account for visitor.  **Triggers**  Click to “Register” button.  **Preconditions:**  N/A  **Post Conditions:**  Redirect user to current page.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click "Cá nhân" button then click "Đăng ký" |  | | 2 |  | Display form register. | | 3 | Enter necessary and mandatory information |  | | 4 | Click "Xác nhận" button |  | | 5 |  | Display message "Đăng ký thành công!" | | 6 | Click "OK" or wait about 5 seconds |  | | 7 |  | Redirect to current page and logged user into system |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to "Cá nhân" button then click "Đăng ký" |  | | 2 |  | Display form register. | | 3 | Enter any information |  | | 4 | Click "Hủy" button |  | | 5 |  | Close form and redirect to current page |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click to "Cá nhân" manu then click "Đăng ký" |  | | 2 |  | Display form register. | | 3 | Enter any information incorrect or missing mandatory fields |  | | 4 | Click "Đăng ký" button |  | | 5 |  | Display error mesage beside wrong fields. |   **Relationships:**  List all categories use case.  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **Search**

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| **USE CASE – Register SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Search | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered Users, Administrator  **Summary:**  This is one of the main functions of the system. Users only need to input some keywords in order to find the best house suitable for their need. The search result will be filtered and marked on the map to support visitor, users find the right flat as quick as possible.  **Goal:**  Search for suitable houses with input keyword.  **Triggers**  N/A  **Preconditions:**  N/A  **Post Conditions:**  Users has selected a location (city, province).  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User selects type of house which they want to search & enters keyword to the search text box and click "Tìm kiếm" button or press "Enter". |  | | 2 |  | Display search result in paging. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter keyword to the search text box. |  | | 2 |  | The system displays instantly suggestions which have similar spellings with the text entered in search text box. | | 3 | Choose one of the suggestions in list. |  | | 4 |  | Display search result in paging. |   **Exceptions:**  N/A  **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **Advanced Search**

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| **USE CASE – Advanced Search SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Advanced Search | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered Users, Administrator  **Summary:**  This is one of the main functions of the system. Users who know their needs clearly and want to do a detail search.  **Goal:**  Search for suitable houses with detail information.  **Triggers**  N/A  **Preconditions:**  Users have chosen type of houses they want to search.  **Post Conditions:**  N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Users click "Tìm kiếm nâng cao" button or link |  | | 2 |  | Display advance search pop up page. | | 3 | Users fill all neccessary information they want |  | | 4 |  | Display result in paging. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Users click "Tìm kiếm nâng cao" button or link. |  | | 2 |  | Display advance search pop up page. | | 3 | Users fill all neccessary information they want and click out side or click "Hủy" |  | | 4 |  | Close advance search popup. |   **Exceptions:**  N/A  **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **Filter search result**

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| **USE CASE – Filter search result SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Filter search result | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered Users, Administrator  **Summary:**  After doing a search process, this usecase allows users to narrow their search result which help them quickly find suitable result.  **Goal:**  User can narrow their search result.  **Triggers**  N/A  **Preconditions:**  User had done a basic search process.  **Post Conditions:**  N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Choose, scroll or each specific type of values in filter bar |  | | 2 |  | Narrow the result which matches the filter conditions and display on pages with list and markers on map |   **Alternative Scenario:**  N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Choose, scroll or each specific type of values in filter bar |  | | 2 |  | Keep displaying "Không có kết quả nào phù hợp" |  |   **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **View a house detail**

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| **USE CASE – View a house detail SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View a house detail | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered Users  **Summary:**  After doing a search process, this usecase allows users to narrow their search result which help them quickly find suitable result.  **Goal:**  Allow user to view detail of a post.  **Triggers**  N/A  **Preconditions:**  N/A  **Post Conditions:**  User can view a specific post  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks on hyperlink of a post in search result list |  | | 2 |  | Open the detail page of that specific post |   **Alternative Scenario:**  N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User click on a markers on map |  | | 2 |  | Open the basic detail popup |  | | 3 | User click on "Chi tiết" button on basic detail popup |  |  | | 4 |  | Open detail page of specific post |  |   **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **Add house to compare**

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| **USE CASE – Add house to compare SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Add house to compare | | | |
| **Author** | VietVH | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered User  **Summary:**  This usecase allow user to add a topic to favourite list in order to define the pros and cons of candidates.  **Goal:**  Allow user add topic to favourite list for comparing.  **Triggers**  N/A  **Preconditions:**  User had done a search process with result.  **Post Conditions:**  N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click "Quan tâm" button beside a specific post on result |  | | 2 |  | Add that post to favourite list |   **Alternative Scenario:**  N/A  **Exceptions:**  N/A  **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. **Compare house**

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| **USE CASE – Compare house SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Compare house | | | |
| **Author** | ChungNT | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor, Registered User  **Summary:**  This usecase allows user to compare 2 houses topics which they are considering the pros and cons of them.  **Goal:**  N/A  **Triggers**  N/A  **Preconditions:**  N/A  **Post Conditions:**  Display compared result in webpage.  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Choose 2 items on favourite list and click "So sánh" button |  | | 2 |  | Display detail compare page for user |   **Alternative Scenario:**  N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Choose one or more than 2 items and click "So sánh" button |  | | 2 |  | Display error message "Bạn vui lòng chọn 2 bài đăng để bắt đầu so sánh." |  |   **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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1. Remove house from favourit list

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| **USE CASE –Remove house from favourite list SPECIFICATION** | | | | |
| **Use-case No.** | UC0 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Remove house from favourite list | | | |
| **Author** | ChungNT | | | |
| **Date** | 21/01/2013 | **Priority** | Normal | |
| **Actor:**  Visitor  **Summary:**  Allows user to remove a house from favourite list.  **Goal:**  Allow remove house from favourite list.  **Triggers**  N/A  **Preconditions:**  User had added a topic to favourite list.  **Post Conditions:**  N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Select an item in favourite list and click "Xóa" button |  | | 2 |  | Delete that item and reload the favourite list |   **Alternative Scenario:**  N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User click on a markers on map |  | | 2 |  | Open the basic detail popup |  | | 3 | User click on "Chi tiết" button on basic detail popup |  |  | | 4 |  | Open detail page of specific post |  |   **Relationships:**  N/A  **Business Rules:**  None | | | | |
| **Description:** | | | | |

**Screen**

**Data Fields Definition –Create Place Page**

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| **Field name** | **Description** | **Read**  **Only** | **Mandatory** | **Control Type** | **Data Type** | **Length** |
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**Buttons / Hyper Links – Create Place Page**

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| --- | --- | --- | --- | --- |
| **Function** | **Description** | **Available Criteria** | **Validations** | **Outcome** |
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