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| **USE CASE- Search information** | | | | |
| **Use-case No.** | UC001 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Search information | | | |
| **Author** | vietvh | | | |
| **Date** | 18/01/2013 | **Priority** | High | |
| **Actor:**  User: visitor , house owner, 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 topic suitable for their need. The search result will be filtered and mark on the map to support visitor, users find the right topic as quick as possible.  **Goal:**  Search for suitable topics with input keyword.  **Triggers**  Users enter search criteria and click search button or press enter.  **Preconditions:**  Use case: choose city, province in homepage  **Post Conditions:**  The page navigates to search result screen with the result displayed  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter keyword to the search text box |  | | 2 | Click “Tìm kiếm” button or press “Enter” |  | | 3 |  | Display search result |   **Alternative Scenario – Suggestion**   |  |  |  | | --- | --- | --- | | 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 textbox | | 3 | Choose one of the suggestions in list |  | | 4 |  | Display search result |   **Alternative Scenario – No result**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Enter to the search text box which does not have related info. |  | | 2 | Click “Tìm kiếm” button or press “Enter” |  | | 3 |  | Display “Không tìm thấy kết quả nào phù hợp!” |   **Exceptions:** N/A  **Relationships:** N/A  **Business Rules:** N/A | | | | |
| **Description:**  Users will use this function to search for houses that best fit for their need. The user will input some search criteria and the system will return the result based on those criteria.  **Quick Search**  This is one of main regions on the system. Use can access to it right at the home page. User can input any keywords such as place, street, district, university, market .... A place is included in the search result if it matches all the search criteria in the specific region which users have chosen. For example, if a user enters “đại học fpt”, and “Hà Nội” as the chosen area, all the resulta around and related to FPT University Ha Noi campus will be displayed.  The region area of users will be stored in browser cookie so that users only input their region once.  **Advanced Filter**  This function will provide users more options to tailor search result more precisely and directly. The result will be filtered as users requires.  **Search Suggestions**  After the user enters first characters into the search text boxes, the system will display some suggestions below the text boxes that have the similar spelling.   * The suggestions are not case-sensitive. That is it doesn’t matter that the user enters upper or lower case characters into the text boxes, the suggestions must be the same. * The suggestions are not Unicode-sensitive. That is if the user enters “kim ma”, the suggestions will be the same as if the user enters “Kim Mã”. * An item will be included in the suggestions if it contains the character sequence entered in the text box, ignoring the spaces. Item containing the sequence at index i will be displayed before item containing the sequence at index j if i < j. If i = j, the items will be ordered based on the number of searches performed on that item.   For example: if the user input “Hà ” in the search category, the system will suggest: “Hà Nội”, “Hà Nam”, “Hà Tây”:……, if the term “Hà Nội” is searched the most in list. If the user inputs “Hà N”, only “Hà Nội” and “Hà Nam” are displayed in the suggestions.   * A category is associated with many aliases. * Area text box will suggest only city/province/district/town/ward. For example: “Hà Nội”, “Cầu Giấy, Hà Nội”.   **Search Result**  Search result must match all the criteria inputted. Each place appearing in the search result will be displayed in double ways as follows:   * List: list of all matched result in a list on the left of the website. * Markers: marked on the visual map. In low level of zoom, the map will group a number of nearby locations together. | | | | |