**Figure 1: Mobile Application Use Case**

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| **USE CASE–MA** | | | | |
| **Use-case No.** | MA001 | **Use-case Version** | | 2.0 |
| **Use-case Name** | Search Product Price | | | |
| **Author** | Huynh Thanh Viet | | | |
| **Date** | 15/01/2014 | **Priority** | High | |
| **Actor:** Member  **Summary:** This use case allows user search product.  **Goal:** The product with name, price and where to buy will show to user.  **Triggers:**   * User can search product to get product’s information: name, range of price and where to buy it. * In search screen, user inputs name of product then they search all products with relative name which they inputted. The searching results will show a list of product which follow product name. * User inputs to a blank textbox then clicks “**Tìm**” button.   **Pre-conditions**:   * Mobile connected to a wireless network or active data connection (2G, 3G). * In case the internet connection isn’t satisfy, the application must be synchronized data at daily checkpoint.   **Post-conditions**:  **Success:** Show search results which include a list of product with name, range of price and where to buy it.  **Fail:** Show an error message.  **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | User inputs the product’s name into textbox. |  | | 2 | User clicks “**Tìm**” button. | - System will show a list of product as a grid and order by product name**. [Alternative 1]**  - A product will show with information:  + Product name.  + Range of product price will show on the right side of product name.  + Address of a market or super market which has the lowest price will show bellow product name. |   **Alternative Scenario**: N/A   |  |  |  | | --- | --- | --- | | **Step** | **Actor Action** | **System Response** | | 1 | Search not found | System will show a message: “**Không tìm thấy**”. |   **Exceptions**: N/A  **Relationships**: N/A  **Business Rules**: | | | | |