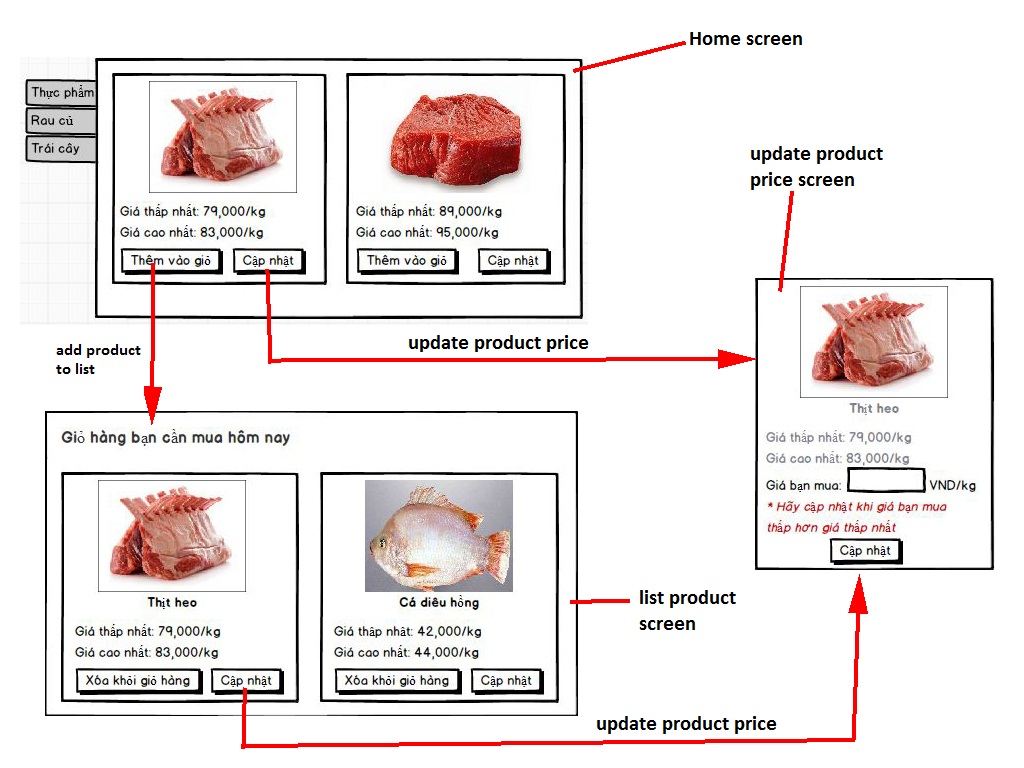
1. **Prototype**



Tại (địa điểm nào?)

Nơi mua gần nhất?

1. **Use case diagram**
   1. Add product to cart



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE \_Add list product forday\_ SPECIFICATION** | | | | |
| Use-case No. | UC01 | Use-case Version | | 1.0 |
| Use-case Name | Add product to cart | | | |
| Author | HoangDH | | | |
| Date | 11/01/2014 | Priority | Normal | |
| **Actor:** | User | | | |
| **Summary:** | This use case allows user to add product to cart. | | | |
| **Goal:** | The user can add the product which he/she needs to buy to cart. | | | |
| **Triggers:** | User clicks “**Thêm vào giỏ**” button. | | | |
| **PreConditions:** | User has logged in to the system. | | | |
| **PostConditions:** | **Success**: The product is added to his/her cart.  **Fail**: Show error message. | | | |
| **Main Success Scenario**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | The user chooses a product. |  | | 2 | The user clicks “**Thêm vào giỏ**” button. [Alternative 1] | Add the product to his/her cart. | | | | | |
|  | | | | |
| **Alternative Scenario**   |  |  |  | | --- | --- | --- | | No. | Actor Action | System Response | | 1 | The product has existed in his/her cart. | Show message “**Sản phẩm này đã có trong giỏ**”. | | | | | |
|  | | | | |
| **Exceptions** | | | | |
| N/A | | | | |
| **Relationships** | N/A | | | |
| **Business Rules** | N/A | | | |

* 1. Update product price



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE \_Update product price\_ SPECIFICATION** | | | | |
| Use-case No. | UC02 | Use-case Version | | 1.0 |
| Use-case Name | Update product price | | | |
| Author | HoangDH | | | |
| Date | 11/01/2014 | Priority | Normal | |
| **Actor** | User | | | |
| **Summary** | This use case allows user to update product price. | | | |
| **Goal** | Product price will be updated. | | | |
| **Triggers** | User clicks “**Cập nhật**” button | | | |
| **PreConditions** | User has logged in to the system. | | | |
| **PostConditions** | **Success:** Product price is updated.  **Fail:** Show error message. | | | |
| **Main Success Scenario**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | The user chooses a product. |  | | 2 | The user clicks “**Cập nhật**” button. | A details page of the product is returned with product’s information. | | 3 | The user edit product price. |  | | 4 | The user submits the form. [Alternative 1, 2; Exception 1]. | Updates new product’s information to the database. | | | | | |
|  | | | | |
| **Alternative Scenario** | | | | |
| |  |  |  | | --- | --- | --- | | No. | Actor Action | System Response | | 1 | Product price is equal or higher than the lowest price of server. | Show message “**Giá sản phẩm bạn đề xuất không thấp hơn giá chúng tôi đề xuất**”. | | 2 | Product price is lower than the lowest price of server minus the epsilon number. | Show message “**Giá sản phẩm bạn đề xuất quá thấp so với giá chúng tôi đề xuất**”. | | | | | |
| **Exceptions** | | | | |
| |  |  |  | | --- | --- | --- | | No. | Actor Action | System Response | | 1 | Price is not a valid number | Show error “**Giá sản phẩm phải là số**” | | | | | |
| **Relationships** | N/A | | | |
| **Business Rules** | N/A | | | |