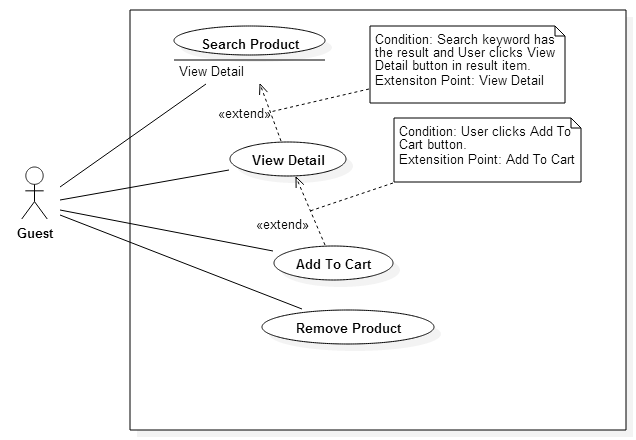
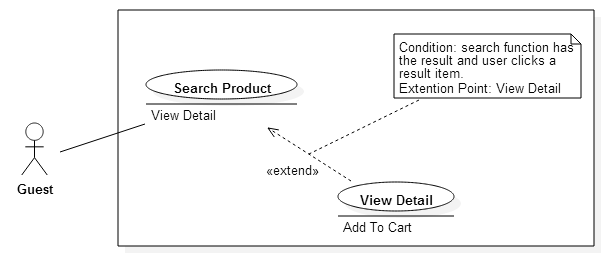
**Overview use case**

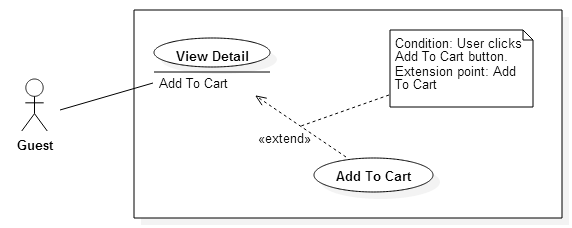


**Search Product Use Case**



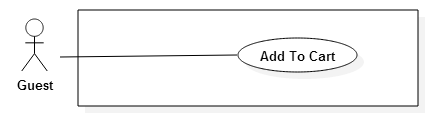
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| --- | --- | --- | --- |
| **USE CASE –** HPS001 | | | |
| **Use Case No.** | HPS001 | Use Case Version | 2.0 |
| **Use Case Name** | Search Product | | |
| **Author** | HoangNH | | |
| **Date** | May 22, 2015 | Priority | High |
| **Actor**:   * Guest/Customer   **Summary**:   * This use case allows user to search product information by its name and category.   **Goal**:   * A list of products will be shown to user.   **Triggers**:   * User can search product to get product’s information. * User select category in combobox and inputs to a blank textbox then click search icon button.   **Preconditions**:   * User is in home page or category page.   **Post Conditions**:   * Success: Show search results which include a list of product. * Fail: Show an error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User choose category of product in combo box. |  | | 2 | User inputs the product’s name into textbox. |  | | 3 | User clicks search icon button | [Exception 1]  System will show a list of product as a grid and order by product name.  [Alternative 1] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Search not found | System will show a message: “No result found.” |   **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | The connection is lost. | Show error message: “No internet connection.” |   **Relationships**:   * Extending Use-cases: Extended by View Detail (Search keyword has the result and user click View Detail button in product item).   **Business Rules**:   * Search by product name and category. * All products with relative name which user inputted will be show. The results will show a list of product and order by product name. | | | |

**View Detail Use Case**

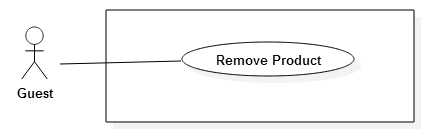


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| **USE CASE –** HPS002 | | | |
| **Use Case No.** | HPS002 | Use Case Version | 2.0 |
| **Use Case Name** | Search Product | | |
| **Author** | HoangNH | | |
| **Date** | May 22, 2015 | Priority | High |
| **Actor**:   * Guest/Customer   **Summary**:   * This use case allows user to view product detail information.   **Goal**:   * A product detail will be shown to user.   **Triggers**:   * User clicks View Detail button.   **Preconditions**:   * At least 1 product item available.   **Post Conditions**:   * Success: Show product detail information in detail page. * Fail: Show an error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks View Detail button on product item. | System will show product information which contains:   * Name: Label * Price: Label * Description: textarea * Image: image * Size: Label * “Add To Cart” button. |   **Alternative Scenario**: N/A  **Exceptions**: N/A  **Relationships**:   * Extending Use-cases: Extend from Search Product (Search keyword has the result and user click a result item). Extended by Add To Cart (User click “Add To Cart” button).   **Business Rules**:   * All detail of product will be displayed to user. | | | |

**Add To Cart Use Case**



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| --- | --- | --- | --- |
| **USE CASE –** HPS003 | | | |
| **Use Case No.** | HPS003 | Use Case Version | 2.0 |
| **Use Case Name** | Add To Cart | | |
| **Author** | HoangNH | | |
| **Date** | May 22, 2015 | Priority | High |
| **Actor**:   * Guest/Customer   **Summary**:   * This use case allows user add product to their cart.   **Goal**:   * Product will be added in user’s cart.   **Triggers**:   * User clicks “Add To Cart” button.   **Preconditions**:   * User is in product detail page.   **Post Conditions**:   * Success: Show success message. * Fail: Show an error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks “Add To Cart” button in product item. | System notify “Add successfully” to user.  [Alternative 1] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User clicks “Add To Cart” in product item which existed in User’s cart. | System notify “This product is existed in your cart” |   **Exceptions**: N/A  **Relationships**:   * Extending Use-cases: Extend from Product Detail (Search keyword has the result and user click View Detail button in a product item).   **Business Rules**:   * If added product is exist then the product’s quantity is increment by 1. | | | |



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| **USE CASE –** HPS005 | | | |
| **Use Case No.** | HPS005 | Use Case Version | 2.0 |
| **Use Case Name** | Remove Product | | |
| **Author** | HoangNH | | |
| **Date** | May 23, 2015 | Priority | High |
| **Actor**:   * Guest/Customer   **Summary**:   * This use case allows user delete product in their cart.   **Goal**:   * Product will be deleted in user’s cart.   **Triggers**:   * User clicks delete button to delete product in user’s cart.   **Preconditions**:   * User is in cart management page. * User’s cart has at least 1 product.   **Post Conditions**:   * Success: Show success message and Product will be deleted. * Fail: Show an error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks Delete button. | System show confirm message “Are you sure?” | | 2 | User clicks “OK” button. | System delete selected product in user’s cart.  [Alternative 1] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User clicks “Cancel” button. | System will cancel delete function. |   **Exceptions**:  **Relationships**: N/A  **Business Rules**:   * Product has been deleted will not appear in User’s cart. | | | |