E-commerce Web Application

Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
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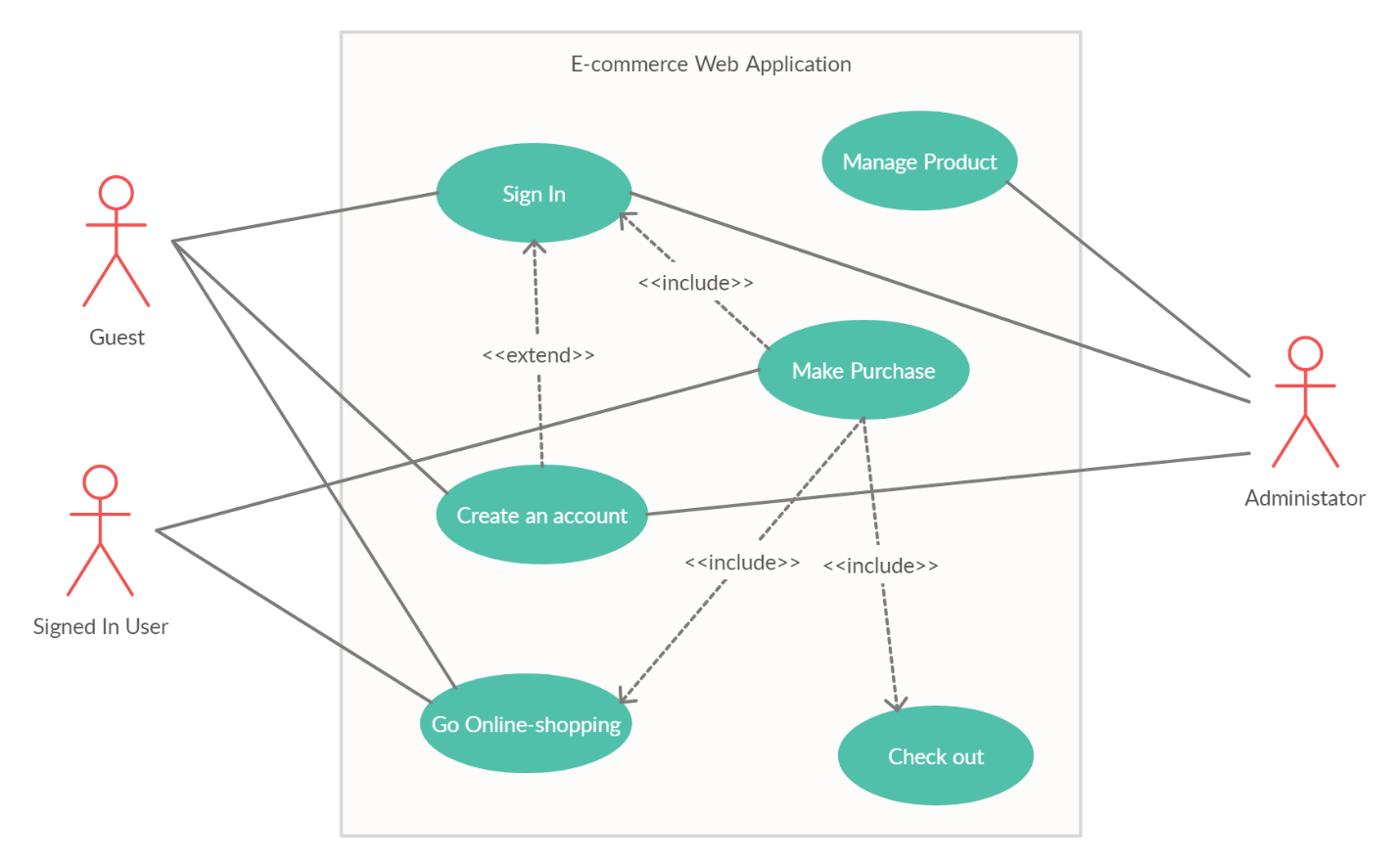
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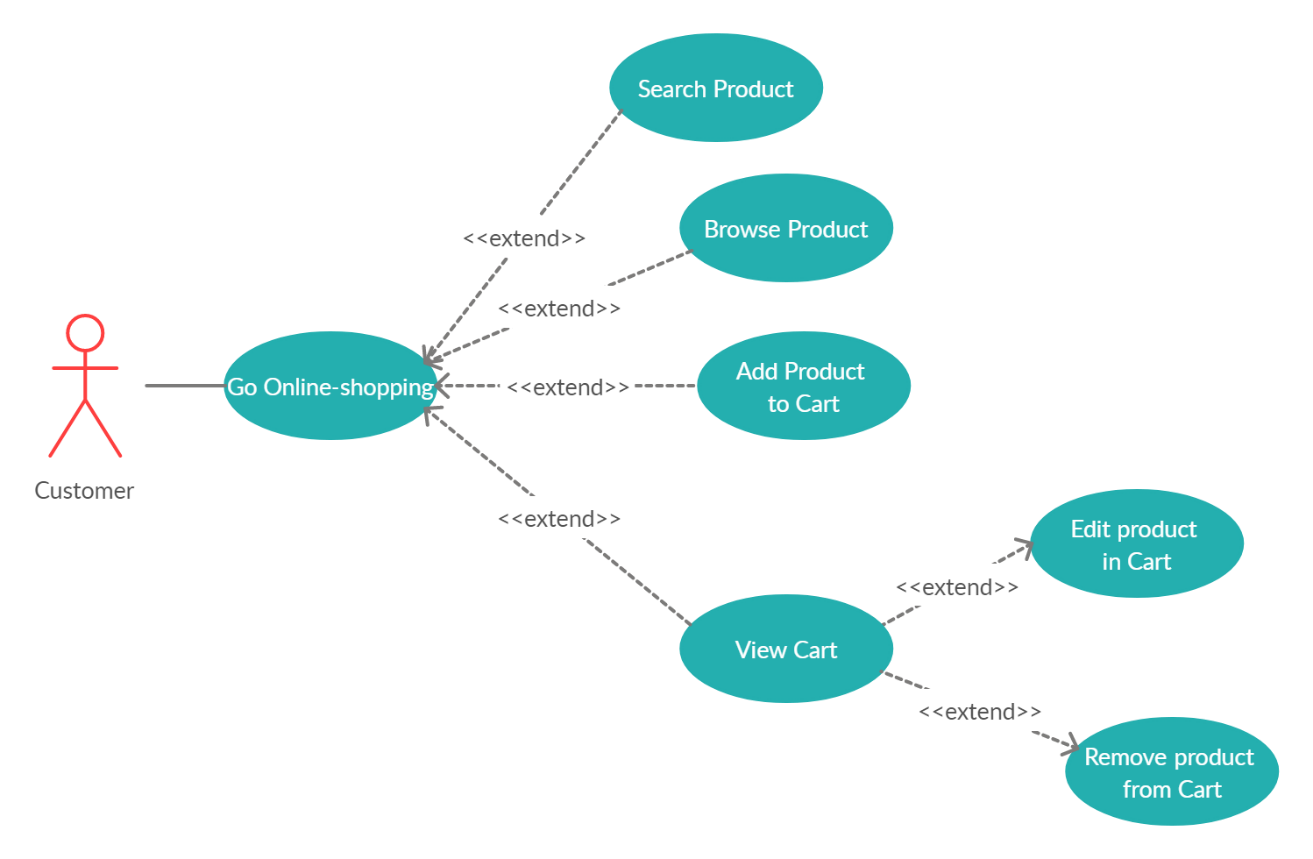
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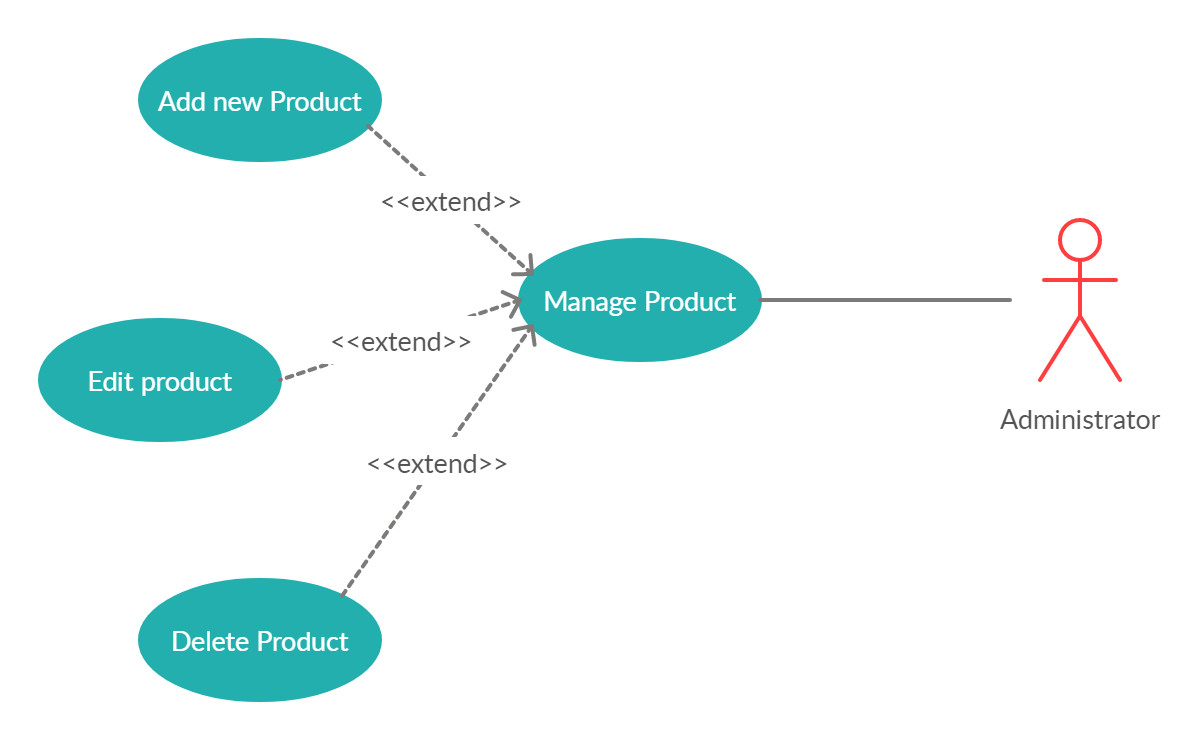
# Use-case Model



* Go Online-shopping model:



* Check Out model:
* Manage Product:



# Use-case Specifications

## Use-case: *Template for use-case specifications*

|  |  |
| --- | --- |
| Use case Name | Add a product to cart. |
| Brief description | This use case describes how the Customer can buy a product. |
| Actors | Customer |
| Basic Flow | 1. At the homepage, the user enters keywords on the ‘Search’ field 2. Users clicks on ‘Search’ button to start searching a product 3. System displays the products found 4. User clicks ‘Add to cart’ button on the expected product 5. System adds a new product to shopping cart 6. System displays the quantity of all products in the cart to the user |
| Alternative Flows | **Alternative flow 1: User cannot find products searched**   1. From #1 of the basic flow, user enters another term 2. Continue step #2 in the basic flow   **Alternative flow 2: Shopping cart has already had the product**   1. From #5 of the basic flow, system increases the quantity of the product 2. Continue step #6   **Alternative flow 3: …** |
| Pre-conditions | User goes to homepage at [www.hailua.com.vn](http://www.hailua.com.vn) |
| Post-conditions | The user successfully adds new item to the cart or increases quantity of the existing item in the cart. |

## Use-case: Sign in

|  |  |
| --- | --- |
| Use case Name | Sign in |
| Brief description | This use case describes how an user can sign in |
| Actors | Guest, Administrator |
| Basic Flow | 1. User enters username and password 2. Return to homepage if user signed in successfully |
| Alternative Flows | **Alternative flow 1: User enters wrong password**   1. System displays an error message 2. Continue step #1 of basic flow |
| Pre-conditions | User goes to login page through 1 of 3 ways:  - Click on sign in button at the top right of the home page  - User is not signed in and clicks on view cart button at the top right of the home page  - User is not signed in and adds a product to cart |
| Post-conditions | Guest successfully signs in and return to homepage |

## Use-case: Create an account

|  |  |
| --- | --- |
| Use case Name | Create an account |
| Brief description | This use case describes how an user can create an account |
| Actors | Guest, administrator |
| Basic Flow | 1. At sign in page, user clicks on sign up button. 2. User goes to sign up page. 3. User enters information 4. User clicks sign up 5. Goes back to sign in page |
| Alternative Flows | **Alternative flow 1: User enters username that’s already taken**   1. From #5 of the basic flow, system displays error message 2. Continue from step #3. |
| Pre-conditions | User goes to login page and clicks sign up button |
| Post-conditions | User successfully signs up and returns to sign in page |

## Use-case: Search product

|  |  |
| --- | --- |
| Use case Name | Search product |
| Brief description | This use case describes how an user can search an product by search bar |
| Actors | Guest, administrator, signed in user |
| Basic Flow | 1. User goes to homepage 2. User clicks on search bar 3. User enter an text 4. System displays list of products according to the searching result 5. User clicks on a product 6. User goes to a page which displays that product’s information |
| Alternative Flows | **Alternative flow 1: User can’t not find the product**   1. From #4 of the basic flow, system displays no product is found 2. Continue step #2 |
| Pre-conditions | User goes to homepage |
| Post-conditions | User view a product’s information |