**Pro Bookstore Website**

**Use Cases**

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**Version:** 3.0

**Last modified:** April 9, 2023

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**UC-1: Register**

|  |  |
| --- | --- |
| ID & Name | UC-1: Register |
| Primary Actor | User |
| Description | Describe the process of user registering account online |
| Trigger | User clicks on the “Sign up” button.  User enters the required information in the boxes.  User clicks on “Linking bank” button.  User adds bank link.  User clicks on “Continue” button.  User clicks on “Sign up”. |
| Pre-conditions | None |
| Post-conditions | The website displays successfully registered notification |
| Normal Flow | 1. Click on the “Sign up” button  2. Enter username  3. Enter email  4. Enter password  5. Click on the “Sign up” button |
| Alternative Flows | None |
| Exceptions | **Exception #1**: Username or email already exists.  5. Click on the “Sign up” button  6. System displays “Username already existed” or “Email is already existed”.  **Exception #2:** Invalid information.  5. Click on the “Sign up” button.  6. System displays “Invalid information”. |
| Priority | Must have |

**UC-2: Login**

|  |  |
| --- | --- |
| ID & Name | UC-2: Login |
| Primary Actor | User |
| Description | Describe the process of user login account online. |
| Trigger | User clicks on “Login” button. |
| Pre-conditions | User has already had an account in the database of the web application |
| Post-conditions | User successfully logs in.  The system displays main screen. |
| Normal Flow | 1. Click on “Login” button. 2. Enter username. 3. Enter password. 4. Click on “Login” button. |
| Alternative Flows | None |
| Exceptions | **Exception #1:** “Invalid information”.   1. Click on “Login button”. 2. System displays “Invalid information”. |
| Priority | Must have |

**UC-3: Logout**

|  |  |
| --- | --- |
| ID & Name | UC-3: Logout |
| Primary Actor | User |
| Description | Describe the process of user logging out account . |
| Trigger | User clicks on “Sign out” button. |
| Pre-conditions | User logged in the website. |
| Post-conditions | User successfully logs out. |
| Normal Flow | 1. User clicks on “Sign out” button. 2. User is logged out. |
| Alternative Flows | None |
| Exceptions | None |
| Priority | Optional |

**UC-4: View homepage with paging.**

|  |  |
| --- | --- |
| ID & Name | UC-4: View homepage with paging |
| Primary Actor | User |
| Description | User can view all products by pages in homepage. Each page will display at most 20 products, and user can click any paging buttons to view the previous and following 20 products. User can also click to product to view its details |
| Trigger | User views homepage  User clicks on website link |
| Pre-conditions | None |
| Post-conditions | The website displays all products by pages in homepage and user can switch between pages |
| Normal Flow | 1. Open homepage. 2. View the first 20 products in homepage. 3. Switch between pages to view more products. |
| Alternative Flows | None |
| Exceptions | **Exception #1**: Products do not exist.   1. View empty page |
| Priority | Must have |

**UC-5: Sort all products by price with paging.**

|  |  |
| --- | --- |
| ID & Name | UC-5: Sort all products by price with paging |
| Primary Actor | User |
| Description | User can click on sorting buttons in the header of homepage to sort all products by pages in the homepage. Each sorting page will display at most 20 products, and user can click any paging buttons to view the previous and following sorted 20 products. User can also click to product to view its details |
| Trigger | User clicks on sorting buttons in the header of homepage |
| Pre-conditions | None |
| Post-conditions | The website displays all sorted products by pages in the homepage and user can switch between pages |
| Normal Flow | 1. Click on one of the sorting buttons. 2. View the first sorted 20 products in homepage. 3. Switch between pages to view more sorted products. |
| Alternative Flows | None |
| Exceptions | **Exception #1**: Products do not exist.   1. View empty page |
| Priority | Must have |

**UC-6: Search all products by name with paging**

|  |  |
| --- | --- |
| ID & Name | UC-6: Search all products by name with paging |
| Primary Actor | User |
| Description | User can enter keyword in search engine in the header of homepage (or other pages) to search all products by product name (or keywords) in the homepage. Each searching page will display at most 20 products, and user can click any paging buttons to view the previous and following searched 20 products. User can also click to product to view its details |
| Trigger | User enters some things in search engine and click “Search”.  User enters some things in search engine and press Enter. |
| Pre-conditions | None |
| Post-conditions | The website displays all searched products by pages in the homepage and user can switch between pages |
| Normal Flow | 1. User enters some things in search engine and click “Search” button or press Enter. 2. User view the first searched 20 products 3. Switch between pages to view more sorted products. |
| Alternative Flows | None |
| Exceptions | **Exception #1**: Products matches do not exist.   1. View empty page |
| Priority | Must have |

**UC-7: Update the information of the customer**

|  |  |
| --- | --- |
| ID & Name | UC-7: Update the information of the customer |
| Primary Actor | Customer |
| Description | Customer logins the Pro Bookstore Website and clicks the account icon and continues clicking the update button. In homepage, and then, it will display a update form to input new information. After that, customers click a update button, all changes will save and update in database for this customer. |
| Trigger | Customer clicks account icon and then clicks Update button  Customer inputs his/her information in form and clicks Update button |
| Pre-conditions | Login to this website successfully |
| Post-conditions | The website displays a form for the customer to fill his/her inform, after that, clicking Update button, it will be comebback the homepage |
| Normal Flow | * + - 1. Customer hovers Account icon and click Update button.       2. Customer sees Update Customer form   2.1 Customer inputs informations his/her need to update   * + - 1. Customer clicks Update button to update his/her profile |
| Alternative Flows | None |
| Exceptions | **Exception #1**: Invalid information   1. Inform and require input again |
| Priority | Optional |