# Booktrade

# Use-Case: Register

1. Brief Description

When <actor>

When a user wants to create an account for the BookTrade website which will allow them to interact with other users, buy/sell/donate/trade books.

1. Actors
   1. User: Includes students, book readers who wish to buy/sell or trade/donate books.
2. Pre-Conditions
   1. Be using a laptop, personal computer, mobile phone.
   2. Be connected to Internet.
3. Normal Flow

The use case begins when <actor> <does something>

|  |  |
| --- | --- |
| Actor | System |
| 1. Open BookTrade website and click on Register.  2. Enter credentials in the form. These include: userame, Email, Password. | 1. Redirect the user to Register page.  2.1 System verifies the credentials.  2.2 System Registers the user into BookTrade Database.  2.3 System redirects to Log-In page. |

The use case ends.

1. Alternate Flows
   1. <alternate flow 1>

If at step <step number> of the normal flow <condition>, then

|  |  |
| --- | --- |
| Actor | System |
| 2. Invalid credentials entered. | 2.1 System allows the user to re enter the credentials. |

1. Subflows
   1. <subflow 1>
2. Key Scenarios
   1. <scenario 1>

<brief description>

1. Post-conditions
   1. User can now Log In to the website.
2. Special Requirements
   1. <special requirement 1>

# Use-Case: Login

1. Brief Description

When the user wants to login in order to carry out a transaction over BookTrade website.

1. Actors
   1. User: Include students, book readers who wish to buy/sell or trade/donate books.
2. Pre-Conditions
   1. Be registered with BookTrade.
   2. Be using a laptop, personal computer, mobile phone.
   3. Be connected to Internet
3. Normal Flow

The use case begins when <actor> <does something>

|  |  |
| --- | --- |
| Actor | System |
| 1. Open BookTrade website and click on Login.  2. Enter credentials in the form. These include: username, password. | 1. Redirect the user to Login page.  2.1 System verifies the credentials and logs in the user.  2.2 System redirects user to the homepage. |

The use case ends.

1. Alternate Flows
   1. <alternate flow 1>

If at step <step number> of the normal flow <condition>, then

|  |  |
| --- | --- |
| Actor | System |
| 2. Invalid credentials entered.  2.1 User re enters the credentails. | 2. System shows an error and tells the user to re enter the credentials.  2.1 System verifies the credentials and logs in the user.  2.2 System redirects the user to login page. |

1. Subflows
   1. <subflow 1>
2. Key Scenarios
   1. <scenario 1>

<brief description>

1. Post-conditions
   1. User can now buy, sell, trade or donate books.
   2. User can update their booklist.
2. Special Requirements
   1. <special requirement 1>

# Use-Case: Create a Book List

1. Brief Description

When the user wants to create a list of books they have to offer including book prices, trade conditions.

1. Actors
   1. User: Include students, book readers who wish to buy/sell or trade/donate books.
2. Pre-Conditions
   1. Be registered with BookTrade.
   2. Be using a laptop, personal computer, mobile phone.
   3. Be connected to Internet
3. Normal Flow

The use case begins when <actor> <does something>

|  |  |
| --- | --- |
| Actor | System |
| 1. Open BookTrade website and click on Login.  2. Enter credentials in the form. These include: username, password. | 1. Redirect the user to Login page.  2.1 System verifies the credentials and logs in the user.  2.2 System redirects user to the homepage. |

The use case ends.

1. Alternate Flows
   1. <alternate flow 1>

If at step <step number> of the normal flow <condition>, then

|  |  |
| --- | --- |
| Actor | System |
| 2. Invalid credentials entered.  2.1 User re enters the credentails. | 2. System shows an error and tells the user to re enter the credentials.  2.1 System verifies the credentials and logs in the user.  2.2 System redirects the user to login page. |

1. Subflows
   1. <subflow 1>
2. Key Scenarios
   1. <scenario 1>

<brief description>

1. Post-conditions
   1. User can now buy, sell, trade or donate books.
   2. User can update their booklist.
2. Special Requirements
   1. <special requirement 1>

# Use-Case: Managing Book List

1. Brief Description

When a user wants to update their book list, either delete or add new books to the list and change prices.

1. Actors
   1. User: Include students, book readers who wish to buy/sell or trade/donate books.
2. Pre-Conditions
   1. Be registered with BookTrade.
   2. Be using a laptop, personal computer, mobile phone.
   3. Be connected to Internet
   4. Login to BookTrade website and access your book list.
3. Normal Flow

The use case begins when <actor> <does something>

|  |  |
| --- | --- |
| Actor | System |
| 1. Click on edit book list button.  2. Add or Delete the name, price, ISBN number of the book and click on submit button. | 1. Redirect the user to the book list page.  2.1 Verify the book list with user and make changes to the current book list. |

The use case ends.

1. Alternate Flows
   1. <alternate flow 1>

If at step <step number> of the normal flow <condition>, then

|  |  |
| --- | --- |
| Actor | System |
| 2. Incorrect name, ISBN number or price entered.  2.1 User checks that they have mistyped the details and corrects them.  2.2 User submits. | 2. As system verifies the list with the user.  2.1 System verifies the details once more with the user.  2.2 System updates the book list. |

1. Subflows
   1. <subflow 1>
2. Key Scenarios
   1. <scenario 1>

<brief description>

1. Post-conditions
   1. User can continue browsing books.
2. Special Requirements
   1. <special requirement 1>

# Use-Case: Buying Books

1. Brief Description

User wants to buy a book using booktrade website.

1. Actors
   1. User: Include students, book readers who wish to buy/sell or trade/donate books.
2. Pre-Conditions
   1. Be registered with BookTrade.
   2. Be using a laptop, personal computer, mobile phone.
   3. Be connected to Internet
   4. Login to BookTrade.
3. Normal Flow

The use case begins when <actor> <does something>

|  |  |
| --- | --- |
| Actor | System |
| 1. User Searches for the book using either the book title, author name, or ISBN number.  2. User compares the prices of books being offered by different users.  3. User selects the book they want to buy.  4. User enters their address details.  5. User waits for confirmation from BookTrade to continue with the payment.  6. User selects the payment method and enters the required details. | 1. The system shows list of books, along with their prices and different users offering those books.  3. System takes the user to the confirmation page, where the user enters their address.  4. System verifies the address with the user.  5. Book Trade sends confirmation email to user to continue with payment.  6. System confirms the payment. |

The use case ends.

1. Alternate Flows
   1. <alternate flow 1>

If at step <step number> of the normal flow <condition>, then

|  |  |
| --- | --- |
| Actor | System |
|  |  |

1. Subflows
   1. <subflow 1>
2. Key Scenarios
   1. <scenario 1>

<brief description>

1. Post-conditions
   1. User can continue browsing books.
2. Special Requirements
   1. <special requirement 1>