Glossary:  
UC – Use Case

Notes:  
1. Primary Actor = User Role  
2. Marked in **red** – need for either mock-ups or screenshots to be explained with

The Use Cases for the Book Trading Platform:

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_01 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | LogIn |
| Use Case Description | User LogIn with valid credentials |
| Primary Actor | Guest |
| Precondition | Application loaded in the browser |
| Trigger | None |
| Basic Flow | 1. Click on “**Administration Menu**” 2. “**LogIn Page**” is displayed 3. Input correct username and password 4. Click on “LogIn Button” 5. **Home page** is displayed and in the **top right corner the username of the logged user** |
| Alternate Flows | * If incorrect username and password has been input on step 2 of the basic flow – **display message “incorrect username of password”** |

Note: no scenario for forgotten password

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_02 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Change Password |
| Use Case Description | User LogIn with valid credentials |
| Primary Actor | Administrator, User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | 1. Click on Administration Menu 2. **Administration menu items** is displayed 3. Click on “**Change password**” 4. “**Change Password Page**” is displayed 5. Input the new password in the 1st field 6. Verify the new password by retyping it in the second field 7. Click on “Change Password Button” 8. **Message for successful change of password** is displayed |
| Alternate Flows | * If passwords does not match – display a **message for password mismatch** |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_03 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Register New User |
| Use Case Description | Register New User of type “user” with valid credentials |
| Primary Actor | Guest |
| Precondition | Application loaded in browser |
| Trigger | None |
| Basic Flow | 1. Click on Administration Menu 2. **Administration menu items** is displayed 3. “**LogIn Page**” is displayed 4. Click on the “**Register**” button 5. Registration prompt is displayed 6. Populate the fields    1. Username    2. Password    3. Retype password    4. Email    5. Name    6. Surname    7. City    8. Address 7. Click on “Register Button” |
| Alternate Flows | * If passwords does not match – display a **message for password mismatch** * Fields “Username” and “Password”/”Retype password” are mandatory and if any of them is not populated display **message for mandatory requirement** * If any of the non-mandatory fields is not populated – continue with user registration but with limited parameters * If “Exit” button is clicked then go back to the previous screen |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_05 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Search |
| Use Case Description | Basic search functionality |
| Primary Actor | Administrator, User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | Choose a “Category”  Input title, wildcards possible |
| Alternate Flows | * If any(or all) of the fields is not populated execute the search action with the limited parameters input * If the user logged in is the “Administrator” – in Column 3 – there is “edit” button instead |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_04 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Advanced Search |
| Use Case Description | Description of the Advanced Search Functionality |
| Primary Actor | Administrator, User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | 1. Click on the Advanced Search Menu 2. Advanced Search options are displayed    1. Book Name – input text with wildcards    2. Book Type – pick-up value input 3. Input values for all search fileds 4. Click on button “Search” 5. Results are displayed in a grid    1. Column 1 – thumbnail    2. Column 2 – description    3. Column 3 – purchase button |
| Alternate Flows | * If any(or all) of the fields is not populated execute the search action with the limited parameters input * If the user logged in is the “Administrator” – in Column 3 – there is “edit” button instead |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_05 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Add Item to Shopping Cart |
| Use Case Description | Add a book to the shopping |
| Primary Actor | Administrator, User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | 1. Click on the Advanced Search Menu 2. Advanced Search options are displayed    1. Book Name – input text with wildcards    2. Book Type – pick-up value input 3. Input values for all search fileds 4. Click on button “Search” 5. Results are displayed in a grid    1. Column 1 – thumbnail    2. Column 2 – description    3. Column 3 – purchase button |
| Alternate Flows | * If any(or all) of the fields is not populated execute the search action with the limited parameters input * If the user logged in is the “Administrator” – in Column 3 – there is “edit” button instead |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_15 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Add Item to Shopping Cart |
| Use Case Description | Adding a book in the shopping cart |
| Primary Actor | User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | 1. Click on the title of the book wanted 2. Book description is displayed with information for    1. Title    2. Author    3. Category    4. Price    5. Picture of the book cover    6. Notes    7. Hyperlink to review of the book in Amazon 3. Input the quantity of books wanted 4. Click on button “Add to Shopping Cart” button 5. Book is added in the shopping cart |
| Alternate Flows |  |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_16 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | View shopping cart items |
| Use Case Description | View the items in the shopping cart |
| Primary Actor | User |
| Precondition | Logged In |
| Trigger | None |
| Basic Flow | 1. Click on the “**Shopping Cart**” button 2. Shopping Cart windows is displayed with information for:    1. Books added in the Shopping Cart    2. Price of each book    3. The sum of money wanted for all of the books added in the Shopping Cart 3. “Check out” button is displayed 4. “Detail” button is displayed on the left side of the title 5. “Continue shopping” button is displayed |
| Alternate Flows |  |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_17 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Update Item Information in the Shopping Cart |
| Use Case Description | Updating the quantity of a book in the shopping cart |
| Primary Actor | User |
| Precondition | Logged In; At least one book added in the Shopping Cart; “**Shopping Cart**” window is active |
| Trigger | None |
| Basic Flow | 1. Click on the “Detail” button 2. A modification of the selected item is displayed:    1. Books added in the Shopping Cart    2. Modifiable field for the item quantity    3. Price of the book    4. Small button for confirmation of the change    5. Small button for item disposal 3. Click on the “small confirm button” button to save the changes |
| Alternate Flows | * If the “Check out” button is clicked, the changes will be automatically saved * If the application is closed, the changes won`t be saved * If “delete button” is pressed, the item is removed from the shopping cart |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_17 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Checkout Shopping Cart |
| Use Case Description | Execute the purchase |
| Primary Actor | User |
| Precondition | Logged In; At least one book added in the Shopping Cart; “**Shopping Cart**” window is active |
| Trigger | None |
| Basic Flow | 1. Click on the “**Checkout**” button 2. “**Confirm Address**” dialog window is displayed 3. Click on the “**Confirm**” button 4. “**Successful purchase**” pop-up is displayed 5. Empty the Shopping Cart 6. Redirect to Home page |
| Alternate Flows | * Editing of the purchase address is available - if edited, the new address is used further in the purchase * Confirmation of the purchase can be canceled – if clicked on the “**Cancel**” button, the “**Shopping Cart**” window is displayed |

Dictionary:

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| Term | Description | Visuals |
| Password mismatch message | When the values in “Password” and “Retype password” fields are different – display text “Values does match” | Color: 0xFF0000(red)  Font: Default |
| Message for mandatory requirement | Text “Mandatory” is displayed below the field that is described as mandatory | Color: 0xFF0000(red)  Font: Default |
| LogIn Page | Has to have “log in”, “register”, and “cancel” buttons |  |
| Confirm Address | Field with pre-loaded information of the address from the user profile  “Confirm”, “cancel” buttons |  |
| Successful purchase | Pop-up message with the following text: “Your order is successful!” |  |
| Small confirm button | Button to confirm the item change – with a tick in it | Color: 0x00FF00(green)  Font: Default  Shape: Square |
| Small delete button | Button to delete an item from the shopping cart – with a ‘x’ in it | Color: 0xFF0000(red)  Font: Default  Shape: Square |
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