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 | Description of adding a book in the shopping cart |
| Primary Actor | Administrator, 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 |
| Alternate Flows | * If the input of quantity is 0 (zero) , no books will be placed in the shopping cart |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_16 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | View Items in the Shopping Cart |
| Use Case Description | Description of viewing the items in the shopping cart |
| Primary Actor | Administrator, 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 diplayed |
| Alternate Flows | * If there are no books added in the Shopping Cart , no books will be displayed |

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| **Use Case Element** | **Description** |
| Use Case Number | UC\_17 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Update Items in the Shopping Cart |
| Use Case Description | Description of updating the items in the shopping cart |
| Primary Actor | Administrator, User |
| Precondition | Logged In, At least one book added in the Shopping Cart |
| Trigger | None |
| Basic Flow | 1. Click on the “Detail” button 2. A detailed windows is displayed with information for    1. Books added in the Shopping Cart with a field for updating quantity of books wanted on the right side of the book title and a small “x” button for deleting books    2. Price of each book    3. The sum of money wanted for all of the books added in the Shopping Cart 3. Click on the “Update” button to save the changes 4. “Check out” button is displayed |
| Alternate Flows | * If there are no books added in the Shopping Cart the button won`t be visible * If the “Check out” button is clicked, the changes will be saved * If the application is closed, the changes won`t be saved |

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 |  |
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