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 | User, Administrator |
| Precondition | Application loaded in the browser; Registered user |
| 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\_01 |
| Application | Chrome, Firefox, Edge browsers |
| Use Case Name | Confirm registration |
| Use Case Description | Confirm valid registration submitted through the “registration form” |
| Primary Actor | Administrator |
| Precondition | Administrator LoggedIn in the Book Trading Platform |
| Trigger | Notification received |
| Basic Flow | 1. Click on “**Administration Menu**” 2. **Administration menu items** is displayed 3. Click on the “Users” menu item 4. Click on the button “**Show Pending Registrations**” 5. Results are displayed in a grid-like structure:    1. username    2. user status    3. “**Approve**”/”**Dismiss**” buttons 6. Click the “Approve” button |
| Alternate Flows | * User registration disposal – the administrator clicks on the “**Dismiss**” button |

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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, Guest |
| Precondition | Application logged in browser |
| Trigger | None |
| Basic Flow | 1. Choose a “**Category**” 2. Input title, wildcards possible 3. Click on “**Search**” 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\_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 Category – pick-up value input type    3. Book Price – choose range(range is chosen with input in two fields – one for min value and one for max value) 3. Input values for all search fields 4. Click on button “Search” 5. Results are displayed in a grid    1. Column 1 – thumbnail    2. Column 2 – description    3. Column 3 – price    4. Column 4 – category name    5. Column 5 – 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 5 – 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 fields 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 new category |
| Use Case Description | Add new book category |
| Primary Actor | Administrator |
| 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 fields 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 |

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 |
| Correct username | Restrictions:   * not less than 3 symbols * no special characters |  |
| Correct password | Restrictions:   * not less than 8 symbols |  |
| Wildcards | Characters allowed:  “\*” – replaces any number of any type of character  “?” – replaces a single character of any type |  |
| Special characters | !@#$%^&\*()+-/\{}[];:’,.`~” |  |
| User Status | The Status of the users – available ones:   * Approved * Pending approval |  |
| LogIn Page | Has to have “log in”, “register”, and “cancel” buttons |  |
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