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| Use Case Name: Register | ID: 01 | | Importance Level: high |
| Primary Actor: User | | Use Case Type : Adding new user | |
| Stakeholders and Interests: User,Library | | | |
| Brief Description: The user can use the opac system by registering | | | |
| Trigger: Clicking on register button | | | |
| Relationship: Association with the user. | | | |
| Normal Flow of Event: 1. The users enters his details.  2. He clicks on register | | | |
| Alternate/Exceptional Flow: The details are invalid.  Error message will be displayed asking the user to fill the required details correctly. | | | |

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| Use Case Name: Authenticate | ID: 02 | | Importance Level: high |
| Primary Actor: user,admin | | Use Case Type: logging in | |
| Stakeholders and Interests: library,user,admin | | | |
| Brief Description: The user and admin can log into the system to use the opac system | | | |
| Trigger: Clicking the login button | | | |
| Relationship: Associated with user,admin. | | | |
| Normal Flow of Event: 1.He enters the username,password.  2.He clicks the login button  3.The system validates him. | | | |
| Alternate/Exceptional Flow: He may enter wrong username,password combination.  The system displays an error message. | | | |

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| Use Case Name: Edit Personal details | ID: 03 | | Importance Level: high |
| Primary Actor: user,admin | | Use Case Type: Changing personal details | |
| Stakeholders and Interests: user,admin,library | | | |
| Brief Description: The user/admin can edit personal details | | | |
| Trigger: Clicking the edit button | | | |
| Relationship: Associated with admin,user. | | | |
| Normal Flow of Event: 1.He edits the details.  2.Clicks the edit button | | | |
| Alternate/Exceptional Flow: The details are invalid.  Error message will be displayed asking the user to fill the required details correctly. | | | |

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| Use Case Name: Search book | ID: 04 | | Importance Level: high |
| Primary Actor: user,admin | | Use Case Type: | |
| Stakeholders and Interests: user,admin,library | | | |
| Brief Description: A book can be searched from the library system. | | | |
| Trigger: Clicking the search button. | | | |
| Relationship: Associated with user,admin. | | | |
| Normal Flow of Event: 1.The user enters the details of the book.  2.Click on search button. | | | |
| Alternate/Exceptional Flow: | | | |

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| Use Case Name: Check book in/out | ID: 05 | | Importance Level: high |
| Primary Actor: user | | Use Case Type: | |
| Stakeholders and Interests: user,library | | | |
| Brief Description: The user can check books in and out. | | | |
| Trigger: check in/out button | | | |
| Relationship: Associated with user | | | |
| Normal Flow of Event: 1.The system validates the book.  2. The user clicks on check in/out.  3. The book status is updated. | | | |
| Alternate/Exceptional Flow: If the book is not validated an error message is displayed. | | | |

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| Use Case Name: Renew | ID: 06 | | Importance Level: high |
| Primary Actor: user | | Use Case Type: | |
| Stakeholders and Interests: users,library. | | | |
| Brief Description: The user can renew a book he has taken. | | | |
| Trigger: click on renew button. | | | |
| Relationship: Associated with user. | | | |
| Normal Flow of Event: 1.The user clicks on the renew button. | | | |
| Alternate/Exceptional Flow: If it already exceeds limit an error message is displayed. | | | |

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| Use Case Name: Add a new book | ID: 07 | | Importance Level: high |
| Primary Actor: admin | | Use Case Type: Adding a new book | |
| Stakeholders and Interests: admin,library | | | |
| Brief Description: The admin can add a new book to the catalog. | | | |
| Trigger: Click on add button | | | |
| Relationship: Associated with admin | | | |
| Normal Flow of Event: 1.The admin adds the details of the new book.  2. He clicks on the add button | | | |
| Alternate/Exceptional Flow: The book details may already exist.The system displays already exist error message. | | | |

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| Use Case Name: Delete/modify book details. | ID: 08 | | Importance Level: high |
| Primary Actor: admin | | Use Case Type: | |
| Stakeholders and Interests: admin,library | | | |
| Brief Description: The admin can delete/modify the book details. | | | |
| Trigger: Clicking modify/delete button | | | |
| Relationship: Associated with admin. | | | |
| Normal Flow of Event: 1.The admin modifies the details.  2.The admin clicks on modify button.  3.The book details are updated. | | | |
| Alternate/Exceptional Flow: The admin clicks on delete button. | | | |

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| Use Case Name: Delete/modify users | ID: 09 | | Importance Level: high |
| Primary Actor: admin | | Use Case Type: | |
| Stakeholders and Interests: admin,library | | | |
| Brief Description: The admin can modify the role of the user and he can delete a user. | | | |
| Trigger: clicking on delete/modify button | | | |
| Relationship: Associated with admin. | | | |
| Normal Flow of Event: 1.The admin modifies the details.  2.He clicks on modify button.  3.The user details are updated. | | | |
| Alternate/Exceptional Flow: The admin clicks on delete button. | | | |