3.2.1 As a user, I can create an account on the system.

3.2.2 As a user, I can login to the system.

3.2.3 As a user, I can change my password.

3.2.4 As a user, I can explore books other users have posted to the system.

3.2.5 As a user, I can post books Im willing to trade or loan on the system.

3.2.6 As a user, I can post books Im willing to sell on the system.

3.2.7 As a user, I can rate my experience during a specific transaction.

3.2.8 As a user, I can report a user who has abused the system.

3.2.9 As an Admin, I can reset user passwords.

3.2.10 As an Admin, I can see and review which users have been reported for bad behaviour.

3.2.11 As an Admin, I can reverse transactions when something unexpected happens in the system.

3.2.12 As a user, I can contact admin on the system.

3.2.13 As an Admin, I can see messages sent by users and respond to them.

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| **Actor** | **Actor Goals** | **Use case Name** |
| User | To create an account on the system. | Signup |
| User | To login to the system. | Login |
| User | To change my password. | ChangePassword |
| User | To explore books other users have posted to the system. | Explore |
| User | To post books Im willing to trade or loan on the system. | Loan |
| User | To post books Im willing to sell on the system. | Sell |
| User | To rate my experience during a specific transaction. | Rate |
| User | To report a user who has abused the system. | ReportUser |
| User | To contact admin on the system. | ContactAdmin |
| Admin | To reset user passwords. | ResetPassword |
| Admin | To see and review which users have been reported for bad behaviour. | ReviewUsers |
| Admin | To reverse transactions when something unexpected happens in the system. | ReverseTransactions |
| Admin | To see messages sent by users and respond to them. | ContactUser |
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| **Use Case: Signup** |
| Related Requirements:  Initiating Actor: User  Actor’s Goal: To create an account on the system.  Participating Actors: ----  Preconditions: User has not made an account.  Email has not been used already.  Postconditions: ----  Flow of Events for Main Success Scenario:   * User inputs their details on the page * A new user is created in the database. |

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| **Use Case: Login** |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To login to the system.  **Participating Actors**: ---  **Preconditions:** User, Admin is not logged in already  **Postconditions:** User or Admin avatar is displayed on the page instead of Login.  **Flow of Events for Main Success Scenario:**   * User/Admin inputs their details on the page * Their details are validated * User/Admin logged in. |

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| **Use Case:** ChangePassword |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To change their password.  **Participating Actors**: ---  **Preconditions:** User/Admin inputs a valid registered email.  **Postconditions:**  User/Admin password in DB is changed.  **Flow of Events for Main Success Scenario:**   * User/Admin inputs their details on the page. * User/Admin details are validated. * User/Admin gets a reset link. * User/Admin inputs a new password. * User/Admin entry in database is updated. |

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| **Use Case:** Explore |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To explore books other users have posted to the system.  **Participating Actors**: ---  **Preconditions:** There are books in the database.  **Postconditions:** ---  **Flow of Events for Main Success Scenario:**   * Books uploaded by users are displayed on the explore page. * User/Admin click on a book to view its details. |

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| **Use Case:** Loan |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To post books User/Admin is willing to trade or loan on the system.  **Participating Actors**: ---  **Preconditions:** User/Admin has a registered account and is logged in.  **Postconditions:** Other Users/Admins can browse the uploaded book.  **Flow of Events for Main Success Scenario:**   * User/Admin goes to the upload book page. * User/Admin inputs the details of the book. * User/Admin specifies that they want to loan the book out. * Other Users/Admins can borrow the book. |

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| **Use Case:** Sell |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To post books Im willing to sell on the system.  **Participating Actors**: ---  **Preconditions:** User/Admin has a registered account and is logged in.  **Postconditions:** Other Users/Admins can browse the uploaded book.  **Flow of Events for Main Success Scenario:**   * User/Admin goes to the upload book page. * User/Admin inputs the details of the book. * User/Admin specifies that they want to sell the book. * Other Users/Admins can buy the book. |

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| **Use Case:** Rate |
| **Related** **Requirements:**  **Initiating Actor:** User, Admin  **Actor’s Goal:** To rate experience during a specific transaction.  **Participating Actors**: User  **Preconditions:** User/Admin has a registered account and is logged in.  Book being rented or bought is available.  Transaction is proccessed successfully.  **Postconditions:**  **Flow of Events for Main Success Scenario:**   * User/Admin views the book page. * User/Admin clicks Buy/Rent. * The transaction is processed. * User/Admin rates the experience transcation. |

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| **Use Case:** ContactAdmin |
| **Related** **Requirements:**  **Initiating Actor:** User  **Actor’s Goal:** To contact admin on the system.  **Participating Actors**: User, Admin  **Preconditions:** User has registered account and is logged in.  **Postconditions:** An Admin receives the user’s message.  **Flow of Events for Main Success Scenario:**   * User clicks Contact Admin. * User chooses the topic of the message * User fills in necassary information. * User clicks Submit. * An Admin receives the user’s message. |

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| **Use Case:** ReportUser |
| **Related** **Requirements:**  **Initiating Actor:** User  **Actor’s Goal:** To report a user who has abused the system.  **Participating Actors**: User, Admin  **Preconditions:** User has registered account and is logged in.  **Postconditions:** An admin receives a message that a user has been reported and all relevant details.  Admin decides if a punishment is necassary and if so, the extent of the punishment.  **Flow of Events for Main Success Scenario:**   * User goes to the offending user’s page. * User clicks Report. * User fills in relevant information of why the user is being reported. * User clicks Submit. * Admin receives a message that a user has been reported and all relevant details. * Admin decides if a punishment is necassary and if so, the extent of the punishment. |

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| **Use Case:** ReviewUsers |
| **Related** **Requirements:**  **Initiating Actor:** User  **Actor’s Goal:** To see and review which users have been reported for bad behaviour.  **Participating Actors**: User, Admin  **Preconditions:** Admin has registered account and is logged in.  **Postconditions:** User being reported is given punishment if necassary by Admin  **Flow of Events for Main Success Scenario:**   * Admin receives a message that a user has been reported and all relevant details. * Admin decides if a punishment is necassary and if so, the extent of the punishment. * User being reported is notified of any punishment. |
| **Use Case:** ReverseTransactions |
| **Related** **Requirements:**  **Initiating Actor:** Admin  **Actor’s Goal:** To reverse transactions when something unexpected happens in the system.  **Participating Actors**: User, Admin  **Preconditions:** Admin has registered account and is logged in.  Transaction has completed.  **Postconditions:** User buying or renting recieves their money back.  User selling or loaning recieves their book back.  **Flow of Events for Main Success Scenario:**   * Admin recieves a message from a User of a bad transaction. * Admin views the details of the transaction. * Admin can reverse the transaction. * User recieves their money back if necassary. |

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| **Use Case:** ContactUser |
| **Related** **Requirements:**  **Initiating Actor:** User  **Actor’s Goal:** To see messages sent by Users and respond to them.  **Participating Actors**: User, Admin  **Preconditions:** Admin has registered account and is logged in.  **Postconditions:** User receives message from Admin.  **Flow of Events for Main Success Scenario:**   * Admin recieves a message from a User. * Admin opens message * Admin responds to User. |