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| Use Case Name | | | **BrowseMyTrades (Use Case 4.1)** | |
| Participating Actors | | | Owner, Borrower | |
| Goal | | | Owner or borrower browse all their past and current trades | |
| Trigger | | | Owner or borrower chooses the “My Trades” option | |
| Pre-condition | | | Owner or borrower decided to see their past and current trades | |
| Post-condition | | | On success, past and current trades display | |
|  | **BrowseMyTrades (Use Case 4.1)** | | |  |
|  | Owner or Borrower | | | System Responsibility |
| 1 | Initiate by choosing “MyTrades”, viewing option default(Show all) | | |  |
| 1.1 | Chooses viewing options: only borrows, only owner, my trades, and trades offered to me | | |  |
| 2 |  | | | Display user’s past and current trades depending viewing option else display all |
| Exception 2 |  | | | If user has no trades(or any for that specific view) display “You have no trades” |
|  | | **BrowseMyTrades (Use Case 4.1)** | | |
| Qualities | | System responds for list of user’s past and current trades depending viewing option else display all. | | |
| Constraints | | Show user’s past and current trade which have been received in data base. | | |
| Include | |  | | |
| Extends | |  | | |
| Related Artifacts | | US04.08.01, US04.09.01, US04.12.01 | | |
| Notes | | User will have be able to have different categories of views of their trades(s). | | |
| Open Issues | |  | | |

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| Use Case Name | | | **SendTradeRequest (Use Case 4.2)** | |
| Participating Actors | | | Borrower | |
| Goal | | | Sends a request to the owner to initiate trade | |
| Trigger | | | Borrower clicks send request button | |
| Pre-condition | | | Borrower must have 0 or more items in inventory | |
| Post-condition | | | On success, owner is notified of trade request | |
|  | **SendTradeRequest (Use Case 4.2)** | | |  |
|  | Borrower | | | System Responsibility |
| 1 | Clicks send request button | | |  |
| 2 |  | | | Notify owner of new request |
|  | | **SendTradeRequest (Use Case 4.2)** | | |
| Qualities | | System notifies owner of new trade requests | | |
| Constraints | |  | | |
| Include | |  | | |
| Extends | |  | | |
| Related Artifacts | | US04.01.01, US04.02.01 | | |
| Notes | |  | | |
| Open Issues | |  | | |

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| Use Case Name | **TradeRequestResponse (Use Case 4.3)** |
| Participating Actors | Owner |
| Goal | Sends a response back to a trade request (accept or decline) |
| Trigger | Accept or Decline buttons |
| Pre-condition | Owner must have received a Trade Request |
| Post-condition | On accept, both parties should receive email of trade information.  On decline, can offer a counter trade request initialized with items of declined trade. |

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|  | **TradeRequestResponse (Use Case 4.3)** |  |
|  | Owner | System Responsibility |
| 1 | Clicks Accept or Decline button |  |
| 2 |  | Accept - email owner and borrower all trade and item information relevant to trade  Decline - have the option to offer counter trade initialized with items of the declined trade |

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|  | **TradeRequestResponse (Use Case 4.3)** |
| Qualities | System emails both parties if owner accepts trade request, otherwise owner provides a counter trade |
| Constraints |  |
| Include |  |
| Extends |  |
| Related Artifacts | US04.03.01, US04.04.01, US04.07.01 |
| Notes |  |
| Open Issues |  |

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| Use Case Name | **ComposeNewTradeInterface (Use Case 4.4)** |
| Participating Actors | Owner, Borrower |
| Goal | Create, Edit, delete the trade |
| Trigger | Compose new trade button |
| Pre-condition |  |
| Post-condition | On success, a new trade request should be sent to the other role |

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|  | **ComposeNewTradeInterface (Use Case 4.4)** |  |
|  | Owner, Borrower | System Responsibility |
| 1 | Creates a new trade |  |
| 2 |  | shows view of new trade request |

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|  | **ComposeNewTradeInterface (Use Case 4.4)** |
| Qualities | System provides the ability edit, delete option depending on user |
| Constraints |  |
| Include |  |
| Extends |  |
| Related Artifacts | US04.05.01, US04.06.01 |
| Notes |  |
| Open Issues |  |

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| Use Case Number | **4.5** |
| Use Case Name | TradeCompleteAfterBorrow |
| Participating Actors | User, borrower (a friend) |
| Goal | User can mark a trade as complete after borrower returns the item, and the item is available to trade again |
| Trigger | Borrower returns borrowed item |
| Precondition | Friend has borrowed an item |
| Postcondition | Item is available in user's inventory |
| Basic Flow | 1. Borrower returns item 2. User clicks “Complete” button |
| Exceptions | 2.1. User doesn't click “Complete” button  2.2. System makes no changes |
| Qualities |  |
| Constraint |  |
| Includes | 4.03.01, 4.04.01, 4.05.01, 4.06.01 |
| Extends |  |
| Related Artifacts |  |
| Notes |  |
| Open Issues |  |