Use Case Narrative for “Deposit”

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| --- | --- |
| ID | UC\_Deposit |
| Actors | User, |
| Description | User is validated and ready to make a deposit |
| Preconditions | * User login was successfully executed |
| Postconditions | * User deposits funds into acct. (successful) * Funds not deposited into user acct. (unsuccessful) |
| Dialog | 1. User requests deposit of funds into acct. 2. System validates user funds for transfer 3. If validation unsuccessful, give error message, back to step 1 4. System calculates addition of funds into user acct. 5. System displays new balance of funds in user acct. 6. If new balance displayed correctly, successful postconditions established, else unsuccessful postconditions established 7. User logs out and closes system, or continues to use system for other actions |

Use Case Narrative for “StockPurchase”

|  |  |
| --- | --- |
| ID | UC\_StockPurchase |
| Actors | User, |
| Description | User is validated and ready to purchase desired stock(s) |
| Preconditions | * User login was successfully executed |
| Postconditions | * User receives purchased stock(s) (successful) * User does not receive stock(s) (unsuccessful) |
| Dialog | 1. User requests purchase of desired stock(s) 2. System validates user funds for purchase of stock(s) 3. If validation of funds unsuccessful, display error message, return to step 1 4. System calculates subtraction of funds from user acct. 5. System calculates addition of stock(s) to user acct. 6. System displays new balance of funds in user acct 7. System displays new ownership of purchased stock(s) 8. If new balance and ownership of stock(s) displays correctly, successful postconditions established, else unsuccessful postconditions established 9. User logs out and closes system, or continues to use system for other actions |

Use Case Narrative for “StockSale”

|  |  |
| --- | --- |
| ID | UC\_StockSale |
| Actors | User, |
| Description | User is validated and ready to sell desired stock(s) |
| Preconditions | User login successfully executed |
| Postconditions | * User releases ownership of stock(s) (successful) * User does not release ownership of stock(s) (unsuccessful) |
| Dialog | 1. User requests sale of currently owned stock(s) 2. System validates user ownerships of stock(s) 3. If validation of user ownership unsuccessful, error message, return to step 1 4. System calculates addition of funds into user acct. 5. System calculates subtraction of stock(s) from user acct. 6. System displays new balance of funds in user acct. 7. System displays new ownership of stock(s) in user acct. 8. If new balance and ownership of stock(s) displays correctly, successful postconditions established, else unsuccessful postconditions established 9. User logs out and closes system, or continues and uses system for other actions |