Sudoers’ Test Plan

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# Version History

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| --- | --- | --- |
| **Date** | **Version** | **Description** |
| 4/2 – 4/3/2019 | Version 1 | Initial Draft |
| 4/7/2019 | Version 2 | Added version history, split user guide and test plan, and added peer suggestions |

# Test Plans

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Input** | **Expected Output** | **Actual Output** | **Result** |
| No Username provided | Empty username | Message box stating account username is required |  |  |
| No password provided | Empty password box | Message box stating password required |  |  |
| Login with wrong username and password combination | XML file  Wrong username and password combination | Message box stating could not login |  |  |
| Non-numeric account balance on checking account | XML file | NumberFormatException |  |  |
| Non-numeric account balance on savings account | XML file | NumberFormatException |  |  |
| Username and password wrong 3 times | GUI input | Message box stating login failed. Return to Login page. Account locked. |  |  |
| Transfer $100.01 from checking to savings | GUI input  XML file | Checking account balance decrements by $100.01  Savings account increases by $100.01  XML file undated correctly |  |  |
| Transfer $100.01 from savings to checking | GUI input  XML file | Savings account balance decrements by $100.01  Checking account increases by $100.01  XML file undated correctly |  |  |
| Withdraw $100 from checking | GUI input  XML file | Checking account balance decrements by $100  XML file updated correctly |  |  |
| Withdraw $100 from savings | GUI input  XML file | Savings account balance decrements by $100  XML file updated correctly |  |  |
| Transfer attempt from Checking to Savings account with insufficient balance in Checking | GUI input | Message box stating transfer aborted because of insufficient balance |  |  |
| Transfer attempt from Savings to Checking account with insufficient balance in Savings | GUI input | Message box stating transfer aborted because of insufficient balance |  |  |
| Withdrawal attempt from Savings account with insufficient balance in Savings | GUI input | Message box stating withdrawal aborted because of insufficient balance |  |  |
| Withdrawal attempt from Checking account with insufficient balance in Checking | GUI input | Message box stating withdrawal aborted because of insufficient balance |  |  |
| Withdrawal attempt from Checking account with entered amount not multiple of 20s | GUI input | Message box telling the customer to enter an amount multiple of 20s |  |  |
| Withdrawal attempt from Savings account with entered amount not multiple of 20s | GUI input | Message box telling the customer to enter an amount multiple of 20s |  |  |
| Deposit $100.01 to Checking | GUI input  XML file | Checking account balance increments by $100.01  XML file updated correctly  Main page refreshes account balance |  |  |
| Deposit $100.01 to Savings | GUI input  XML file | Savings account balance increments by $100.01  XML file updated correctly  Main page refreshes account balance |  |  |
| Add a large number into the deposit to trigger a stackoverflow error | GUI input | StackOverflow Error |  |  |
| Withdraw more money than is in the ATM at that moment | GUI input | Message box alerting customer that transaction could not be completed |  |  |
| An attempt to withdraw $-20 | GUI input | Message box alerting customer to enter a positive amount |  |  |
| An attempt to deposit $-20 | GUI input | Message box alerting customer to enter a positive amount |  |  |
| All tests will be duplicated with each language used | GUI input  XML file | All languages are translated correctly. |  |  |