***Event Test Case***

***Test Designed by:*** Zhiyi Dong ***Test Designed date:*** 07/17/18

***Module Name:*** GUI ***Test Executed by:*** Zhiyi Dong

***Test Title:*** Test Data Structure Bank ***Test Execution Date:*** 07/17/18

***Description:*** Testing whether GUI buttons and fields work

***Pre-Conditions:*** Download MySQL server, workbench, router, j connector, and IDE

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| --- | --- | --- | --- | --- | --- | --- |
| ***Step*** | ***Test Steps*** | ***Test Data*** | ***Expected Result*** | ***Actual Result*** | ***Status (Pass/Fail)*** | ***Notes*** |
| ***1*** | Create a new account | Data insertion | Account should be created successfully | Account successfully created | Pass | ***The user choose the own type (checking or savings)***  ***The card number is automatically generated***  ***After account is successfully created, a message box should display with the card number*** |
| ***2-1*** | Enter wrong account number and then proceed | Button response & Alert box | Receive alert box | Receive alert box | Pass | ***Alert box: Invalid Account Number*** |
| ***2-2*** | Enter right account number and then proceed | Button response | The program should lead user to next enter-pin menu | The program leads user to next enter-pin menu | Pass |  |
| ***3-1*** | Enter wrong pin | Button response & Alert Box | Receive alert box | Receive alert box | Pass | Alert box: Invalid Pin |
| ***3-2*** | Enter correct pin | Button response | The program should lead user to main menu | The program leads user to main menu | Pass |  |
| ***5-1*** | Check balance | Button Response & view data | Balance should be displayed | Balance displayed | Pass | The initial balance is 0.00 |
| ***5-2*** | Go back | Button response | The programs should go back to main menu | The program goes back to main menu | Pass |  |
| ***6-1*** | Deposit | Button response & change data | Amount deposited to account | Amount deposited to account successfully | Pass | ***After a successful deposit, a thank you message box is displayed, and informing you the new balance, then the user is exit*** |
| ***6-2*** | Go back | Button response | The program should go to main menu | The program goes to main menu | Pass |  |
| ***7-1*** | Withdraw | Button Response & change data | Amount withdrew from account | Amount withdrew from account successfully | Pass | ***The user can choose either withdraw amounts button or entering other amounts*** |
| ***7-2*** | Go back | Button response | The program should go to main menu | The program should go to main menu | Pass |  |
| ***8*** | Check new balance | Button response & view data | The balance information should be updated and displayed | The balance information is updated and displayed | Pass |  |
| ***9*** | Take card | Button response | Exit the program successfully | Exit the program successfully | Pass | ***A thank you message box is displayed, and then the user is exit*** |

***Post Conditions:*** *User should be able to view and change data, and* Buttons and Alert Boxes should work