

# **DEFECT REPORT**

**Course Name: SENG 438 - Software Testing, Reliability, and  
Quality**

**Course Instructor: Kingsoo Kim**

**Group Number: 16**

**Group Members:**

**1) Hridika Banik**

**2) Radia Jannat**

**3) Syed Mohammed Abbas Kazmi**

**4) MD Shaherier Khan**

ID	Title	Work Item Type	Assigned To	State	Area Path	Tags	Comment Count	Repro Steps	System Info	Priority	Severity	Found In
<a href="#">21</a>	[Balance Inquire] The saving is showing a pop for dispensing	Bug	Shaherier Khan	Active	Assignment1_ensf438		0	Description: While balancing money. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 4) Select the Balance option for transaction. 5) Select the Saving. Expected: No pop up of \$500 Actual: pop up of \$500		2	3 - Medium	1.1

5	[Transfer] Amount being transferred is not correct.	Bug	Hridika Banik	Resolved	Assignment1_ensf43 8	0	Description: While Transferring money, the amount getting transferred is different than the amount being inputted by the user. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 and the PIN associated with it. 4) Select the Transfer option for transaction. 5) Put in an amount through the keypad. 6) See the receipt which shows the amount being transferred. Expected: Amount being transferred should be same as the amount being inputted( e.g. if 10 is inputted, 10 should be shown as transferred in the receipt). Actual: Amount being transferred is 0.5 less than the amount being inputted by the user( e.g. if 10 is inputted, 9.5 is being shown as transferred in the receipt).	2	3 - Medium	1.0
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<a href="#">20</a>	MFT- Shows receipt even after system is off	Bug	Mohammed Kazmi	Active	Assignment1_ensf438	0	Description: MFT Test 6 to test the System Off button. The receipt stays even after the system is off. Steps to Reproduce: 1) Turn the system ON. 2) Do a transaction. 3) Turn the system off using OFF. 4) The receipt stays even though the system is off. Expected: The system should totally shut down and the receipt should go. Actual: The receipt still shows.	2	3 - Medium	1.0
<a href="#">13</a>	[Deposit] Incorrect Amount deposited into the account	Bug	Shaherier Khan	Active	Assignment1_ensf438	1	Description: The amount deposited is not getting updated in the sharing checking accounts Steps to reproduce: 1)Enter the card number and the pin number 2)Select Deposit and enter the amount you want to deposit (assuming 20). 3)Insert the envelope 4)Eject the card and insert another card which shares an account of the previous card. 5)Check the balance inquiry. Expected: Increase in available balance (120). Actual: The amount remains the same(100).	2	3 - Medium	1.0

<a href="#">12</a>	[Withdraw] Money Market functionality displaying unrequired pop up of \$500	Bug	Shaherier Khan	Resolved	Assignment1_ensf438	0	Description: Money Market functionality displaying unrequired pop up of \$500 Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number and Pin 4) Select the Balance option for transaction. 5) Choose the Money Market option Expected: No Pop ups Actual: \$500 pop up.	3	3 - Medium	1.0
<a href="#">3</a>	[Withdraw] displaying Account types that users does not use	Bug	Shaherier Khan	Active	Assignment1_ensf438	1	Description: While Withdrawing money, Card 1 should not have access to Money Market account but it shows up when logged in as Card 1. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 and PIN as 42. 4) Select the Transfer option for transaction. Expected: Two accounts should be shown which are: Checking and Savings. Actual: Three accounts are showing : Checking, Savings and Money Market.	2	3 - Medium	1.0

6	[Transfer] Shows the money transfer done by opposite accounts rather than as stated by the user.	Bug	Hridika Banik	Active	Assignment1_ensf438	1	Description: While Transferring money, if the user transfers money from checking to savings, the receipt shows that money is being transferred from savings to checking. But if balance inquiry is used to check the amount in each account, the amount does change as the user wants. The receipt shows the opposite transfer. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 and PIN as 42. 4) Perform the balance inquiry transaction and see the amount of money in both checking and savings account. 5) Select the Transfer option for transaction. 6) Transfer a certain amount of money from checking to savings and notice the receipt. 7) Perform one more transaction of balance inquiry and see the money increasing in the savings account as wanted by the user initially. Expected: The receipt should show the money being	System is displaying a request for the customer to type a dollar amount.	2	3 - Medium	1.0
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transferred from  
checking to savings.  
Actual: The receipt  
shows the money  
being transferred from  
savings to checking.

7	[Deposit] The Available Amount after depositing is incorrect	Bug	Radia Jannat	Active	Assignment1_ensf43 8	1	Description: Incorrect Available Amount after Depositing Steps to reproduce: 1)Enter the card number and the pin number 2)Select Deposit and enter the amount you want to deposit (assuming 20). 3)Insert the envelope Expected: Increase in available balance (1020). Actual: The amount remains the same(1000).	2	2 - High	1.0
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<a href="#">9</a>	[Balance Inquiry] Saving is not available in Balance Inquiry for Card 1	Bug	Mohammed Kazmi	Resolved	Assignment1_ensf438	1	Description: Saving is not available in Balance Inquiry. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 and PIN as 42. 4) Select the Balance option for transaction. 5) There is no saving account option. Expected: Two accounts should be shown which are: Checking and Savings. Actual: Three accounts are showing : Checking and Money Market.	2	3 - Medium	1.0
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<a href="#">17</a>	MFT: [Deposit] The Total amount and the available amount are not getting updated correctly.	Bug	Mohammed Kazmi	Active	Assignment1_ensf43 8	1	Description: The ATM is providing an incorrect deposit receipt. The Total amount and the available are not getting updated correctly. Steps to reproduce: 1)Enter the card number and the pin number 2)Select Deposit and enter the amount you want to deposit (assuming 20). 3)Insert the envelope Expected: Correct receipt with the updated amounts(Total amount=100) Actual: Incorrect receipt(Total amount=100, Available amount=100)	System is requesting that customer insert an envelope.	2	3 - Medium	1.0
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<a href="#">19</a>	MFT: [Login] Asked to enter correct PIN twice after third attempt	Bug	Radia Jannat	Active	Assignment1_ensf438	1	<p>Description: Each user will be given a chance to re-enter the correct PIN 2 times when they get it wrong the first time. After third attempt, when re-entering the PIN, after the correct PIN is entered it asks for the correct PIN to be entered again. Steps to Reproduce: 1) Enter the GUI and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Click on 'Click to insert card'. 4) Enter an existing Card Number and type a wrong PIN (1st attempt). 5) Click on 'ENTER'. 6) Error 'PIN was incorrect' is shown. 7) GUI will prompt you to re-enter PIN. Enter wrong PIN and hit 'ENTER' (2nd attempt). 8) Error 'PIN was incorrect' is shown. 9) GUI will prompt you to re-enter PIN. Enter wrong PIN and hit 'ENTER' (3rd attempt). 10) Error 'PIN was incorrect' is shown. 11) GUI will prompt you to re-enter PIN. Enter correct PIN and hit 'ENTER'. 12) GUI will now prompt you to enter PIN again.</p>	Initial System State: Request to re-enter PIN is being displayed.	2	3 - Medium	1.0
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Expected: Program  
should ask to enter  
correct PIN once and  
accept the PIN.

Actual: Program asks  
to enter correct PIN  
twice after third  
attempt.

<a href="#">18</a>	MFT: [Login] Asked to enter correct PIN twice after second attempt	Bug	Radia Jannat	Active	Assignment1_ensf438	1	<p>Description: Each user will be given a chance to re-enter the correct PIN 2 times when they get it wrong the first time. After second attempt, when re-entering the PIN, after the correct PIN is entered it asks for the correct PIN to be entered again. Steps to Reproduce: 1) Enter the GUI and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Click on 'Click to insert card'. 4) Enter an existing Card Number and type a wrong PIN (1st attempt). 5) Click on 'ENTER'. 6) Error 'PIN was incorrect' is shown. 7) GUI will prompt you to re-enter PIN. Enter wrong PIN and hit 'ENTER' (2nd attempt). 8) Error 'PIN was incorrect' is shown. 9) GUI will prompt you to re-enter PIN. Enter correct PIN and hit 'ENTER'. 10) GUI will now prompt you to enter PIN again.</p> <p>Expected: Program should ask to enter correct PIN once and accept the PIN.</p> <p>Actual: Program asks to enter correct PIN</p>	Initial System State: Request to re-enter PIN is being displayed.	2	3 - Medium	1.0
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twice after second  
wrong attempt.

<a href="#">16</a>	MFT: [Login] Asked to enter correct PIN twice after first attempt	Bug	Radia Jannat	Active	Assignment1_ensf43 8	1	Description: Each user will be given a chance to re-enter the correct PIN 2 times when they get it wrong the first time. After first attempt, when re-entering the PIN, after the correct PIN is entered it asks for the correct PIN to be entered again. Steps to Reproduce: 1) Enter the GUI and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Click on 'Click to insert card'. 4) Enter an existing Card Number and type a wrong PIN (1st attempt). 5) Click on 'ENTER'. 6) Error 'PIN was incorrect' is shown. 7) GUI will prompt you to re-enter PIN. Enter correct PIN and hit 'ENTER'. 8) GUI will now prompt you to enter PIN again. Expected: Program should ask to enter correct PIN once and accept the PIN. Actual: Program asks to enter correct PIN twice after first wrong attempt.	Initial System State: Request to re-enter PIN is being displayed.	2	3 - Medium	1.0
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<a href="#">8</a>	[Login] Program crashes with non-existing Card Number 3 and PIN	Bug	Radia Jannat	Resolved	Assignment1_ensf43 8	0	Description: The program accepts a Card Number 3 that does not exist, after which it requests the user to enter the PIN associated with the nonexistent card. After the user hits 'ENTER' after entering a random PIN, the program crashes and cannot be used anymore. Steps to Reproduce: 1) Enter the GUI and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Click on 'Click to insert card'. 4) Enter the Card Number as 3 and any PIN (for example 333). 5) Click on 'ENTER'. Expected: Program should show error message 'FAILURE Invalid Card' after non existing Card Number 3 and a random PIN is entered. Actual: User can enter Card Number 3, a random PIN, click on 'ENTER', after which the program crashes.	3	3 - Medium	1.0
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<a href="#">10</a>	[Deposit] Incorrect Card Number while depositing money	Bug	Radia Jannat	Active	Assignment1_ensf43 8	1	Description: The card number of the user is not being shown correctly Steps to reproduce: 1)Enter the card number and the pin number 2)Select Deposit and enter the amount you want to deposit (assuming 20). 3)Insert the envelope Expected: Correct card number (1) Actual: Incorrect card number (2)	2	3 - Medium	1.0
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<a href="#">15</a>	[Login] Program crashes when limit for PIN digits is reached	Bug	Radia Jannat	Active	Assignment1_ensf43 8	1	Description: Using any of the Card Numbers, while entering a PIN, if the user enters a long PIN reaching the limit of the number of digits acceptable for a PIN and hits 'ENTER', the program crashes and cannot be used anymore. Steps to Reproduce: 1) Enter the GUI and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Click on 'Click to insert card'. 4) Enter any existing Card Number. 5) Enter a PIN that is long and fills up the limit of digits acceptable for a PIN (except all 0s). 6) Click on 'ENTER'. Expected: Program should show error message 'FAILURE Invalid Card' after an existing Card Number and a random long PIN is entered. Actual: User can enter any existing Card Number, a random long PIN, and then click on 'ENTER', after which the program crashes.	2	3 - Medium	1.0
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4	[Transfer] Showing 'Money Market' as an option for Card 1	Bug	Hridika Banik	Active	Assignment1_ensf438	1	Description: While Transferring money, Card 1 should not have access to Money Market account but it shows up when logged in as Card 1. Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 and the PIN associated with it. 4) Select the Transfer option for transaction. Expected: Two accounts should be shown which are: Checking and Savings. Actual: Three accounts are showing : Checking, Savings and Money Market.	2	3 - Medium	1.0
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<a href="#">14</a>	[Balance Inquiry] The receipt is displaying saving Inquires for card 2 when inquiring about money market	Bug	Shaherier Khan	Resolved	Assignment1_ensf438	0	Description: The receipt is displaying saving Inquires for card 2 when inquiring about money market Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number as 1 4) Select the Balance Inquire option for transaction. 5) Select Money market. 6) Look at receipt Expected: Card 1 has no Money Market Actual: Card 2 INQUIRY FROM: SVGS	2	3 - Medium	1.0
<a href="#">2</a>	[Everywhere ] Spelling Error	Bug	Shaherier Khan	Active	Assignment1_ensf438	1	Description: Steps to Reproduce: 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number 4) Select the Balance option for transaction. 5) Select Cancel Expected: Would Actual: Wood	2	3 - Medium	1.0

1	[Withdraw] Withdrawal amounts are wrong	Bug	Shaherier Khan	Resolved	Assignment1_ensf43 8	0	<p>Description: Withdrawal amounts are wrong 1) Enter the GUI, and turn the machine on. 2) Enter the number of bills that should be in the machine. 3) Enter the Card Number and pin. 4) Choose withdrawal by typing 1 5) Choose Checking by typing 1 6) Choose the amount of cash (assume 20) Expected: System dispenses this amount of cash; System prints a correct receipt showing the amount and correct updated balance; System records transaction correctly in the log (showing both messages to the bank and approval back). Actual: The amount being withdrawn is incorrect and the Total and available amounts are also not computed properly.</p>	System is displaying the menu of withdrawal amounts	3	2 - High	Version 1.0
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