# Test Plan

## **Unit Test Plan:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | **Description** | **Precondition** | **Expected IP** | **Expected OP** | **Actual OP** |
| U1 | Checking Entered Customer number | Code should be in running state and user should enter Customer number | 952141 | Welcome!  Enter PIN number | Option is coming for entering PIN. |
| U2 | Checking Entered Customer PIN number | Code should be in running state and user should enter PIN number | 191904 | Menu of user account should come | Menu option coming. |
| U3 | Getting Customer ID number | User should ask for ID | 952141 | NO ERRORS | NO ERRORS |
| U4 | Getting PIN code number | User should ask for PIN | 191904 | NO ERRORS | NO ERRORS |
| U5 | Calculating Checking Account Withdrawal | Enter Amount wherever the user wants to withdraw . | 500 | Total Balance:100  Current Balance:1000-500 | 500 |
| U6 | Calculating Saving Account Withdrawal | Enter Amount wherever the user wants to withdraw . | 500 | Total Balance:100  Current Balance:1000-500 | 500 |
| U7 | Withdraw Money | User should enter amount for withdraw | Amount:500 | If the Account balance is less than 500 then it should show the message “Balance Cannot be Negative.” | Working Properly |
| U8 | Deposit Money | User should enter amount for Deposit | Amount:500 | Previous Balance:1000  Current Balance:1500 | 1500 |

## **Integration Test Plan:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test ID** | **Description** | **Precondition** | **Expected IP** | **Expected OP** | **Actual OP** |
| I1 | After running code successfully, code should ask for user credentials | Code should be run | Run Java code | Code should show options for user credentials | Options are Coming |
| I2 | After verifying credentials, 3 menu options should come | Credentials has to be verified | Use proper credentials | Three Options of menu | Three options |
| I3 | Verifying Checking User account | User should select this option | Select Checking User Account option | Option menu should come which contain View balance,withdraw funds, Deposit funds options for checking account | Working Option menu properly |
| I4 | Verifying Saving User account | User should select this option | Select saving User Account option | Option menu should come which contain View balance,withdraw funds, options for checking account  Deposit funds options | Working Option menu properly |
| I5 | Exit Option for user | User should select Exit option | Option Three | Message should pop up saying “Thank You for using this ATM, bye.” | Working Properly |