**User Acceptance Test**

The User Acceptance Test has been executed by:

The objective of User Acceptance Test is to validate the functional requirements. In our case we cover the testing for an ATM machine. Following are the test scenarios for ATM machine that we have implemented. The list consists of both positive and negative tests.

1. Verify that the user is asked to enter the PIN: We have tested this case and can validate it as the system ask the user to enter his/her PIN when it starts.
2. Verify that if a total number of incorrect pin attempts gets surpassed then the user is not allowed to continue further. For this scenario, we have entered three times wrong pin, and a message << You have reached the maximum number of tries>> has been displayed and the program ended.
3. Verify that the user is allowed to get account balance. After been logged in, we have been able to make a balance inquiry.
4. Verify if the user is allowed to do withdrawal transaction only when the amount to withdraw is lesser than the balance and lesser or equal to the withdrawal limit for the children. We have tested this case with greater amount and had received error message<<Insufficient fund! Your current balance is: $…Please try a lesser amount. >>. We have also tested that the children cannot withdraw amount greater than their withdrawal limit.
5. Verify if the user is allowed to do transfer transaction only when the amount to transfer is lesser than the balance and only the parent and older child are able to perform transfer transaction. We have tested this case with greater amount and had received error message<< Insufficient fund! Your current balance is: $…Please try a lesser amount.>>. We have also tried to perform a transfer when logged in as the younger child and the following message has been display<<You are not allowed to perform this transaction.
6. Verify if the ATM provides the appropriate message for each successful and unsuccessful transaction>>. We have done positive and negatives tests, and for each of test the appropriate message has been displayed.

Based on the different tests, we can conclude that the ATM machine functions as expected and validate all the functional requirements listed in the design document.