**Task 6 Testing:**

***Identify Features (Functionality):***

1. Login
2. Send Money

***Feature One, Login:***

Partition Input**:** login(String U, string P)

* String U is a string for the user’s Username
  + One possible partition is string with length < 0, string with length = 0, string with length > 0
* String P is a string for the user’s Password
  + One possible partition is string with length < 0, string with length = 0, string with length > 0

Test Specification:

* Username: <String a-z, A-Z, 0-9, special characters>
* Password: <String a-z, A-Z, 0-9, special characters>

Test Case:

*#1:*

* Inputs:
  + Username: bobsob20!!
  + Password: po1po(@$
* Outputs:
  + Logs in

#2:

* Inputs:
  + Username:
  + Password:
* Outputs:
  + Login denied: please input username and password

***Feature Two, Send Money:***

Partition Input: sendMoney(String ID, int N)

* String ID is a string for the recipient’s Username
  + One possible partition is string with length < 0, string with length = 0, string with length > 0
* double N is an integer between 0 and the user’s maximum balance
  + One possible partition is a number: < -**∞ -** 0.00,0.00-**∞**, 0.00-…\*>, …\* is the user’s maximum balance

Test Specification:

* Recipient’s ID: <String a-Z, A-Z, 0-9, special characters>
* Amount: <0…\*>, \* is the user’ maximum balance

Test Case:

Assume user has $10 in balance

*#1:*

* Inputs:
  + ID: bobross
  + Amount: $3.01
* Outputs:
  + Successful, money is sent to recipient bobross

#2:

* Inputs:
  + ID:
  + Amount: $3.01
* Outputs:
  + Denied, please identify recipient

*#3:*

* Inputs:
  + ID: bobross
  + Amount:$ -3.01
* Outputs:
  + Denied, value is a negative double

*#4:*

* Inputs:
  + ID: bobross
  + Amount: $500
* Outputs:
  + Denied, value exceeding user’s maximum balance