Partition (controllerTransfer.java)

|  |  |  |  |
| --- | --- | --- | --- |
| **Partition ID** | **Input variable** | **Valid partition** | **Invalid partition** |
| 1 | amountTransfer | amountTransfer > 0 | --------------- |
| 2 | amountTransfer | --------------- | amountTransfer <= 0 |
| 3 | amountTransfer | --------------- | amountTransfer is not numeric |
| 4 | amountTransfer | --------------- | Empty string |
| 5 | amountTransfer | --------------- | Null |
| 6 | detailsAmount | String of any kind | --------------- |
| 7 | detailsAmount | Empty string | --------------- |
| 8 | detailsAmount | --------------- | null |
| 9 | receivingAccount | String match existent account | --------------- |
| 10 | receivingAccount | --------------- | String of non-existent account in DB |
| 11 | receivingAccount | --------------- | Empty string |
| 12 | receivingAccount | --------------- | null |

Test specification (controllerTransfer.java)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test ID** | **Test inputs** | **Expected outputs** | **Partition ID covered** |
| 1 | amountTransfer = 100 | True | 1 |
| 2 | amountTransfer = -100 | False | 2 |
| 3 | amountTransfer = 0 | False | 2 |
| 4 | amountTransfer = ‘str’ | False | 3 |
| 5 | amountTransfer = ‘’ | False | 4 |
| 6 | amountTransfer = null | False | 5 |
| 7 | detailsAmount = ‘transferring’ | True | 6 |
| 6 | detailsAmount = ‘’ | True | 7 |
| 7 | detailsAmount = null | False | 8 |
| 8 | receivingAccount = ‘00001’ | True | 9 |
| 9 | receivingAccount = ‘00234’ | False | 10 |
| 10 | receivingAccount = ‘’ | False | 11 |
| 11 | receivingAccount = null | False | 12 |

Partition (controllerLogin.java)

|  |  |  |  |
| --- | --- | --- | --- |
| **Partition ID** | **Input variable** | **Valid partition** | **Invalid partition** |
| 1 | Username | String match existent user | --------------- |
| 2 | Username | --------------- | String of non-existent user |
| 3 | Username | --------------- | Null |
| 4 | Username | --------------- | Empty string |
| 5 | Password | String match existent user’s password | --------------- |
| 6 | Password | --------------- | Wrong password for given user |
| 7 | Password | --------------- | Null |
| 8 | Password | --------------- | Empty string |

Test specification (controllerLogin.java)

|  |  |  |  |
| --- | --- | --- | --- |
| **Test ID** | **Test inputs** | **Expected outputs** | **Partition ID covered** |
| 1 | userName = ‘user1’ | True | 1 |
| 2 | userName = ‘whatever’ | False | 2 |
| 3 | userName = null | False | 3 |
| 4 | userName = ‘’ | False | 4 |
| 5 | password = ‘12345’ for ‘user1’ | True | 5 |
| 6 | password = ‘123456’ for ‘user1’ | False | 6 |
| 7 | password = null for ‘user1’ | False | 7 |
| 8 | password = ‘’ for ‘user1’ | False | 8 |