LOAN FEATURE STORY

The Sample Bank application has a web administration module that allows the account managers doing some operations in the customer’s accounts. One of these operations is the loan. This operation provides to the customer certain amount of money he can get for some time and use for his personal needs. The amount available is calculated based on the customer’s credit history and status automatically by the system. Basically, for this feature, we should have a screen with two fields: the account number and the loan amount requested. After filling out these fields, the user can click on a button to submit the request and promptly the system will return a message informing if the operation succeeds or not. Some rules will be applied: the customer should have a valid and active account in the system, he should have a minimum balance of $2000 and he can get just 30% of his actual account balance (for this line of credit). If all these rules are ok, the system will show a message saying that the operation was successful, if not it will show a message saying the reason it was not approved based on the rules above.

1) Translate this user story/requirements into a BDD fashion specification. Use simple scenarios and examples to achieve that and do not forget to use keywords (given, when, then, should, ensure that)☺.

**Story?**

**In order to** make a loan process

**As an** account manager

**I want** to make a loan process for a client filling the account and value input,

**So that** he can receive a certain amount of money

**Ensuring that** after I submit the request I check the return message saying that the operation was successful

**Scenario 1 – Successful Loan**

**Given** that a customer has a **<accountNumber>**

**And** **<statusAccount>** account

**And** a balance of **<valueOfBalance>**

**When** the customer input for a value less or equal to **<valueOfRequest>** (30% of total amount)

**And** clicks on request button

**Then** the system should show a message saying that the operation is successful.

|  |  |  |  |
| --- | --- | --- | --- |
| **<accountNumber>** | **<statusAccount>** | **<valueOfBalance>** | **<valueOfRequest>** |
| Valid | Active | 2000 | 600 |

**Scenario 2 – Unsuccessful Loan**

**Given** that a customer has a <**accountNumber**>

**And** <**statusAccount**> account

**And** a balance of <**valueOfBalance**>

**When** the customer input the value of <**valueOfRequest**>

**And** clicks on request button

**Then** the system should show a message, saying the reason it was not approved based on <**ruleOfError**>.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **<accountNumber>** | **<statusAccount>** | **<valueOfBalance>** | **<valueOfRequest>** | **<ruleOfError>** |
| Valid | Inactive | 2000 | 500 | Inactive Account |
| Invalid | Active | 2000 | 500 | Invalid Account |
| Valid | Active | 1500 | 1000 | Balance should be greater than 2000 |
| Valid | Active | 3000 | 1500 | Requested value should be <= 30% of Account Balance |
|  |  |  |  |  |

**Until here Done on Monday before training**

**After here Done after training on selenium and junit thinking about sample-bank project**

**Story?**

**In order to** use the sample bank

**As a** admin

**I want** create a new Account

**Ensuring that** after I click on button I check the return message saying that the operation was successful

**Scenario 1 – Create Account**

**Given** that a customer has a <**cpfNumber**>

**When** the admin clicks on create account button

**Then** the system should show the message **<messageValidation>**.

|  |  |
| --- | --- |
| **< cpfNumber >** | **< messageValidation >** |
| Valid | **Operation completed with success** |
| Invalid | **The CPF information is invalid** |

**Story?**

**In order to** make a deposit

**As a** account manager / user

**I want** be able to input the value of the deposit

**Ensuring that** after I submit the request I check the return message saying that the operation was successful

**Scenario 1 – Deposit**

**Given** that a customer has a <**accountNumber**>

**And** <**statusAccount**> account

**When** the account manager wants to make a deposit with the value of <**valueOfDeposit**>

**And** clicks on deposit button

**Then** the system should show the message **<messageValidation>**.

|  |  |  |  |
| --- | --- | --- | --- |
| **<accountNumber>** | **<statusAccount>** | **<valueOfDeposit>** | **< messageValidation >** |
| Valid | Active | 500 | Top of Form   |  | | --- | | **Operation completed with success** |   Bottom of Form |
| Invalid | Active | 500 | **The CPF information is invalid** |
| Valid | Active | NULL | Top of Form   |  | | --- | | **The ammount is invalid for the operation** |   Bottom of Form |

**Story?**

**In order to** make a withdraw

**As a** account manager

**I want** input the amount I want to withdraw

**Ensuring that** after I submit the request I check the return message saying that the operation was successful

**Scenario 1 – Withdraw**

**Given** that a customer has a <**accountNumber**>

**And** <**statusAccount**> account

**When** the account manager wants to make a withdraw with the value of <**valueOfWithdraw**>

And <**valueOfWithdraw**> is equal to or less than amount of **<balanceAmount>**

**And** clicks on withdraw button

**Then** the system should show the message **<messageValidation>**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **<accountNumber>** | **<statusAccount>** | **<valueOfWithdraw>** | **<balanceAmount>** | **<messageValidation>** |
| Valid | Active | 500 | 500 | Top of Form   |  | | --- | | **Operation completed**  **with success** |   Bottom of Form |
| Invalid | Active | 500 | 500 | **The CPF information is invalid** |
| Valid | Active | 500 | 250 | Top of Form   |  | | --- | | **The ammount is**  **invalid for the**  **operation** |   Bottom of Form |
| Valid | Active | NULL | 500 | **The ammount is invalid for the operation** |

**Story?**

**In order to** make a transfer between accounts

**As a** cardholder?

**I want** to be able to choose the existing accounts

**And** input the amount I want to transfer

**Ensuring that** after I submit the request I check the return message saying that the operation was successful

**Scenario 6 – Transfer**

**Given** that a customer has a <**accountNumber**>

**And** <**statusAccount**> account

**And** a balance of <**valueOfBalanceFrom**>

**When** the cardholder input the value of <**valueOfTransfer**>

**And** clicks on transfer button

**Then** the system should show the message <**messageValidation**>.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **<accountNumber>** | **<statusAccount>** | **<valueOfBalanceFrom>** | **<valueOfTrasfer>** | **< messageValidation >** |
| Valid | Active | 2000 | 500 | **Operation completed with success** |
| Invalid | Active | 2000 | 500 | **The CPF information is invalid** |
| Valid | Active | 1500 | 3000 | **The ammount is invalid for the operation** |
| Valid | Active | 3000 | Null | **The ammount is invalid for the operation should be greater than 0** |
|  |  |  |  |  |

Narrative:

As a user

I want to login

Scenario: scenario description

Given user is on login webpage

When I fill the field <user>

When I fill the field <passoword>

When I click on the login button

Then the user should be authenticated

Exemples

|user |password |

|admin|admin |