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| Sample Bank Requirement Specification | Date: 05/01/2017 |
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| Version: 1 |  |

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)☺.

**Feature**

**As an** account manager **I want** to make a loan process for a client filling the account and value input, submit and check the return message **so that** he can receive a certain amount of money for some time and use for his personal needs.

**I want to** *fill the input, submit the form and check the return message*

**Scenario 1 – Successful Loan**

**Given** that a customer has a valid and active account

**And** a balance of $2000

**When** the customer request for a value less or equal to $600 (30% of total amount)

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

**Scenario 2 – Unsuccessful Loan**

**Given** that a customer has a <**accountNumber**> and <**statusAccount**> account

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

**When** the customer request for a value <**valueOfRequest**>

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

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| **<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 |
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