

# Credit Card

## Description

In the Credit Card case study scenario a process of an application for a credit card is described. When a customer sends a completed application to the bank, the credit card release procedure is started. At the beginning, the application form is received and registered by the system. Then, a credit rating calculation takes place to determine the possible credit card limit. The next stage of the process is verification using various databases. Positive verification means that the credit card type should be determined and the message about the granted credit card should be sent to the customer. If the customer has low credit rating or the verification is negative, the customer should receive refusal information.

Source: Nalepa, G.J., Kluza, K., Ernst, S.: *Modeling and Analysis of Business Processes with Business Rules*. In: *Business Process Modeling: Software Engineering, Analysis and Applications*. New York, Nova Science Publishers, pp. 135–156 (2011)

## Model

**BPMN Diagram types:** Process,

**Source files:** [creditcard.sgx](#), [creditcard.bpmn](#) [creditcard-all.pdf](#)

**Diagram files:** , [creditcard.pdf](#)



## Subprocesses

L.p.	Name	Model
1	Calculate credit rating	<a href="#">creditcard-1.png</a>
2	Verify customer	<a href="#">creditcard-2.png</a>

### Calculate credit rating



### Verify customer



## Model logic

From:  
<https://geist.re/> - **GEIST Research Group**

Permanent link:  
[https://geist.re/pub:projects:bimloq:cases\\_bimloq:bimloq\\_case\\_creditcard:start?rev=1363081994](https://geist.re/pub:projects:bimloq:cases_bimloq:bimloq_case_creditcard:start?rev=1363081994)

Last update: **2013/03/12 09:53**

