S.A. Bank

Vision

Version <1.0>

Revision History

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Vision

# Introduction

## Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the S.A Bank. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the S.A. Bank fulfills these needs are detailed in the use-case and supplementary specifications.

## Scope

The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.

## Definitions, Acronyms, and Abbreviations

All the necessary terms are explained in the Glossary document.

## References

This section is currently empty, but will be updated when refrences will be added

## Overview

The rest of the document will focus on positioning, stakeholder and user description and product requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Internet Banking |
| affects | A large number of people everyday |
| the impact of which is | Security and risk management |
| a successful solution would be | The usage of machine learning and improved security features |

## Product Position Statement

|  |  |
| --- | --- |
| For | customers but also banks |
| Who | needs reliable internet banking |
| The (product name) | is a web platform |
| That | is fast, secure and accurate |
| Unlike | most banking applications |
| Our product | uses the power of machine learning to give cutting edge results |

# Stakeholder and User Descriptions

The Stakeholders are the Bank and the Clients. The users are the customers and the employees.

The Bank needs minimize the risk of potential losses. By analyzing the past data of a customer, we can decide what kind of offers suites him best, or even if the bank is going to make him an offer at all.

The customer needs to have enchanted security. Machine learning will be used here as well, automatically rejecting the transactions that seems fraudulent and notifying the user.

## Stakeholder Summary

[There are a number of stakeholders with an interest in the development and not all of them are end users. Present a summary list of these non-user stakeholders. (The users are summarized in section 3.2.)]

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| The Bank | The entity which keeps and loans money | Ensures that the system will be maintainable  Ensures that the system will be secured  Ensures that the system will be accurate |

## User Summary

[Present a summary list of all identified users.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Customer | The main actor of the application | Uses the system for personal purpose, according to the bank terms and conditions | Clients |
| Employee | The actor which is responsible with the user communication | Communicates with the user and analyses the result of the model prediction | Bank |

## User Environment

User: Customer

Each customer is responsible for his own banking account. This will not change. A task cycle is reativly short, around 2-3 minutes.

User:Employee

An employee is responsible for more customers. This will not change. A task may vary depending on the offer, at most 10 minutes.

The app is a web app, being accessible from all devices.

# Product Requirements

The hardware may be a desktop, laptop or a mobile device. The application should be functional on every operating system. The performance requirements for accessing the application are minimum. For maintenance, it depends on the data.