<Online Bookstore>

Version <1.0>

Revision History

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| <17/03/20> | <1.0> | Version 1 | Craciun Sergiu |
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# Introduction

This application represents an online platform that helps users find books they are interested in while also allowing them to see a small description of the book and reviews written by other readers. The user also has the possibility to add books to the cart and buy them.

## Purpose

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

## Scope

The scope of this vision is to offer the users a more detailed overview of the entire application and highlight its functionalities.

## Definitions, Acronyms, and Abbreviations

The definition of the application could be the following:

Online Bookstore = an online system with a high level of usability and accessibility where the registered users can place orders and can find information and other opinions about the products.

## References

<https://en.wikipedia.org/wiki/Collaborative_filtering>

<http://nevonprojects.com/online-book-recommendation-using-collaborative-filtering>

## Overview

In the next part pf the Vision document we are going to explain how the problem will be approached, what unique position the products intends to fill in the marketplace and to identify the users and the stakeholders of the system.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Buying books |
| affects | Customers |
| the impact of which is | The users don’t find exactly what they want |
| a successful solution would be | Buy the right product using this application |

## Product Position Statement

|  |  |
| --- | --- |
| For | All the people |
| Who | Love reading |
| The (product name) | Online Bookstore |
| That | Makes the entire process of finding the products and buying them easy and efficient |
| Unlike | Other online platforms that offer commercials and a lot of other kind of products |
|  |  |
| Our product | Makes the finding and placing of an order very easy |

# Stakeholder and User Descriptions

This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Developer | Software engineer who builds the system | Builds & tests the software needed |
| System administrator | Keeps the software functional | Maintenance of the software |
| Business Owner | Person who manages the entire activity | To ensure that the system will be maintainable and that there will be a market demand for the available products |
| Publishing houses | Companies that are involved in the distribution of printed works such as books | To provide up-to-date sources of information |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Registered user | It represents the customer | Use the system in order to get recommendations with the later possibility to buy them | The user himself |
| Administrator | The type of user that has all permission rights in the system | Make sure the the information stored in the system is correct  Manage the entire system  Analyzes the orders placed |  |

## User Environment

Each task/operation in the system can be completed by a single user. The number of people involved in any task is never changing and the application doesn’t support group actions.

# Product Requirements

The first and most important requirement is the need of a secure organized database due to the fact that we are working with huge amount of data.