Software Requirements Specification

for

**Virtual bookstore**

**Version 1.0**

**Prepared by Corboianu Gheorghe Cosmin**

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# Introduction

## Purpose

This specification document describes the capabilities that will be provided by the software application ‘virtual bookstore’. It also states the various required constraints by which the system will abide. The intended audience for this document are developers and users of the product.

## Scope

*The application created is intended to be a website with the purpose of helping users to buy books from online. The e-commerce system will allow any user to create an account to become a customer. Customers can browse, search, select, add books to a shopping cart and, after that, checkout books from cart. The system also allows an administrator to add, update, delete books in the system.*

## Definitions, Acronyms and Abbreviations

N/A

## References

1. <https://dotnet.microsoft.com/>
2. <https://www.amazon.com/books-used-books-textbooks/b?ie=UTF8&node=283155>
3. <https://docs.microsoft.com/en-us/dotnet/core/whats-new/dotnet-core-3-1>

## Overview

*This document is divided in three major sections such as introduction, overall description and specific requirements. The following sections provide the complete overview of the specifications requirements documentation for the e-commerce bookstore.*

# Overall Description

## Product Perspective

*A distributed database system stores the following information:*

* *Book details: name, author, price, publishing date*
* *Customer description: name, address, phone number. This information may be used for keeping the records of the customer for any kind of information*

## Product Functions

The administrator will be able to:

* Log in
* Add books
* Update information of the books
* Delete books

The user will be able to:

* Create account
* Log in
* Browse
* Search for a specific book
* Add books to cart
* Remove books from cart
* Check out
* Update his account details

## User Characteristics

*The product is designed to be used by:*

* *Customers – which want to buy books. In their case, the system will be intuitive and easy to use. They don’t need any previous experience or higher education.*
* *Administrator – add / delete / update books*

## Constrains

*Minimum compatible operating system:*

* *Windows 7*

*The application is implemented with:*

* *ASP.Net Core*
* *JavaScript*
* *C#*
* *Bootstrap*
* *CSS*
* *HTML*

## Assumptions and Dependencies