Online Library

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <dd/mmm/yy> | <x.x> | <details> | <name> |
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# Introduction

## Purpose

In this document, the Online Library project’s functional requirements will be presented. It’s high-level needs, features and capabilities required by the target users are described here. The details of the Online Library’s functionality are given in the use-case[(1)](#usecase) and supplementary specifications[(2)](#spec).

## Scope

The main aspects presented here about the project are it’s utility (what it does, what problems it solves) and it’s reasoning (why it is needed), therefore design and implementation of the project are not part of this document.

## Definitions, Acronyms, and Abbreviations

## References

(1) <Project_UseCaseModel.docx>

(2) <Project_SupplementarySpecification.docx>

## Overview

* Positioning: explains the maintenance challenges, problems solved by this project and it’s relevancy.
* Stakeholder and user descriptions: describes the responsibilities of the stakeholders and the needs of the users.
* Product requirements: lists the hardware and performance requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | spamming |
| affects | application creators, users |
| the impact of which is | unusable application |
| a successful solution would be | an administration team |

## Product Position Statement

|  |  |
| --- | --- |
| For | amateur writers and researchers |
| Who | want to start a writing career, post their research in a domain or look for studying material. |
| The Online Library | is a platform for reading, writing and reviewing books |
| That | lets anyone read or publish their works |
| Unlike | online forums |
| Our product | lets users post entire books and research materials and promotes higher quality writing. |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Administrator | Prevents spamming. | Must approve every uploaded book before it is posted on the application.  Must develop an anti-spamming system once the application has too many writers for a small team to administrate (the system must block flooding attempts and books that contain nothing useful). |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Online Library user | Readers, writers and book reviewers. | Reports books that are considered spam according to the application’s rules. |  |

# Product Requirements

The Online Library is a desktop application that requires an internet connection and that java is installed on the user’s computer. On the server-side, a computer must run the database and process requests received through the internet. The storage and processing power required depends on the amount of active users.