

**Software Requirements**

**Specification**

**for**

**Informatic System for**

**E-Commerce Site for Online Musical Instruments Sales**

**Version 1.0**

**Gingeoveanu Stefan**

**Prepared for university project**

**20.03.2017**

# Table of Contents

[Table of Contents 1](#_1fob9te)

[Revision History 1](#_3znysh7)

[1. Introduction 2](#_tyjcwt)

[1.1 Purpose 2](#_3dy6vkm)

[1.2 Product Scope 2](#_1t3h5sf)

[1.3 Intended Audience and Reading Suggestions 2](#_4d34og8)

[1.4 Definitions, Acronyms, and Abbreviations 2](#_2s8eyo1)

[1.5 References 2](#_17dp8vu)

[2. Overall Description 3](#_26in1rg)

[2.1 Product Perspective 3](#_lnxbz9)

[2.2 Product Functions 3](#_35nkun2)

[2.3 User Classes and Characteristics 3](#_1ksv4uv)

[2.4 Operating Environment 3](#_44sinio)

[2.5 Design and Implementation Constraints 3](#_2jxsxqh)

[2.6 User Documentation 3](#_z337ya)

[2.7 Assumptions and Dependencies 4](#_1y810tw)

[3. External Interface Requirements 4](#_4i7ojhp)

[3.1 User Interfaces 4](#_2xcytpi)

[3.2 Hardware Interfaces 4](#_1ci93xb)

[3.3 Software Interfaces 4](#_3whwml4)

[3.4 Communications Interfaces 4](#_2bn6wsx)

[4. System Features 5](#_3as4poj)

[4.1 System Feature 1 5](#_1pxezwc)

[4.2 System Feature 2 (and so on) 5](#_49x2ik5)

[5. Other Nonfunctional Requirements 5](#_2p2csry)

[5.1 Performance Requirements 5](#_147n2zr)

[5.2 Safety Requirements 6](#_23ckvvd)

[5.3 Security Requirements 6](#_ihv636)

[5.4 Software Quality Attributes 6](#_32hioqz)

[5.5 Business Rules 6](#_1hmsyys)

[6. Other Requirements 6](#_41mghml)

[Appendix A: Glossary 6](#_2grqrue)

[Appendix B: Analysis Models 6](#_vx1227)

[Appendix C: To Be Determined List 7](#_1v1yuxt)

# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Comments** | **Version** |
|  |  |  |  |
|  |  |  |  |
| Gingoveanu Stefan | 20.03.2017 | First Revision | 1 |
|  |  |  |  |

# 1. Introduction

## 1.1 Purpose

The purpose of this document is to present a detailed description of the Informatic System for an E-Commerce Site for Online Musical Instruments application. It will explain the features of the system, the interfaces of the system and what the system will do.

## 1.2 Product Scope

This is a software application which is accessed from a web browser and used to perform online transactions.

## 1.3 Intended Audience and Reading Suggestions

This document is intended for both the shop and the customers of the system.

## 1.4 Definitions, Acronyms, and Abbreviations

## 1.5 References

Link to the app*:* [*https://github.com/GingeoveanuStefan/wad-project*](https://github.com/GingeoveanuStefan/wad-project)

Link to the license: *https://github.com/GingeoveanuStefan/wad-project/blob/master/LICENSE*

# 2. Overall Description

## 2.1 Product Perspective

This product is a self-contained system intended for managing an electronic commerce site for online musical instruments sales.

## 2.2 Product Functions

The product will have the following main functions:

* Customers are presented with a catalog to browse and select products of interest.
* The selected items may be collected in a shopping cart.
* At checkout, the customer is presented with an order and asked for more information needed to complete the transaction.
* The store manager (administrators) can add or remove products to/from the catalog.

## 2.3 User Classes and Characteristics

The application users will be the clients who will be provided functionality for performing commercial transactions.

## 

## 2.4 Operating Environment

The application supports the following OS Windows.

## 2.5 Design and Implementation Constraints

The software will have a GNU General Public License.

## 2.6 User Documentation

## 2.7 Assumptions and Dependencies

# 3. External Interface Requirements

## User Interfaces



## 3.2 Hardware Interfaces

Not applicable for this type of software.

## 3.3 Software Interfaces

Not applicable for this type of software.

## 3.4 Communications Interfaces

# 4. System Features

**4.1 General:**

# 5. Other Nonfunctional Requirements

## 5.1 Performance Requirements

It requires a pc with at least a microprocessor.

## 5.2 Safety Requirements

Not applicable for this software.

## 5.3 Security Requirements

## 5.4 Software Quality Attributes

The software respects the rules of usability, testability and maintainability.

## 5.5 Business Rules

Disclaimer: this product is made for the intent use as a general purpose e-commerce store not for any other purpose or intent. Using this application for any other purpose invalidates the agreement between the software makers and users .

# 6. Other Requirements

# Appendix A: Glossary

# Appendix B: Analysis Models

# Appendix C: To Be Determined List