

Software Requirements Specifications
for
Project “BookExpress”

Marc A. Harnos
mharnos@gmail.com

Joscha Rapp
jraxxo@gmail.com

Christian Schulz
crs.s@gmx.net

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Document History

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Chapter 1

Product Purpose

To handle the addition of new books and the distribution in a better way, "BookExpress" asked us to develop an IT solution to optimize the idle time and labour usage by getting rid of the current, deprecated system. Furthermore one important goal of the software solution is to be very user friendly and easy to use; also there should be remote access implemented, so several customers can access the software at once and distribution partners can access and keep their book stock up to date.

1.1 Obligatory Requirements (“must have”)

1.1.1 Book Store

BLABLABLABLA Personal Identification Number (PIN) BLUB! light-emitting diode (LED)

1.2 Optional Requirements (“nice to have”)

1.3 Non-Requirements (“need to have”)

Chapter 2

Product Environment

The Product takes the orders from the book stores and files them into the system, so that they can be prepared for shipping. For different sized book stores there should be several account types with separate functionality and different options for packaging and ordering. The targeting groups of the software solution are the book store owners, our consumers, the assistants of "BookExpress" and the distribution partners.

2.1 Application Area

2.2 User Groups

2.3 Operating Conditions

Chapter 3

Product Overview

The products environmental diagram.

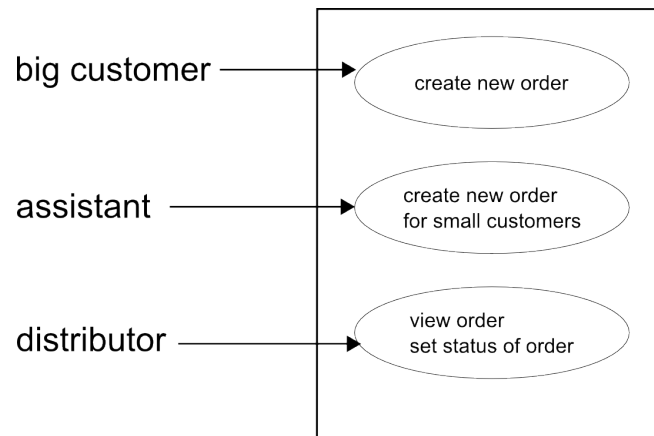


Figure 3.1: The environmental view of the product

Chapter 4

Product Functions

/PF10/	Process	Search for a book
	Actor	Customer
	Description	If a customer wants to order a book, he first has to search for it. A book can be searched by ISBN, title, author, year of publishing and genre.
/PF20/	Process	Modify Order Card
	Actor	Customer
	Description	It should be possible to have all items on an order card. A person WHAT can add or delete books to that card.

4.1 Internal

4.1.1 Employees of “BookExpress”

4.2 External

4.2.1 Book Stores (“Clients”)

4.2.2 Publishers

Chapter 5

Product Data

5.1 Customer Data

5.1.1 Book Stores

5.1.2 Publishers

5.2 Order Data

5.3 Internal Data

Chapter 6

Product Performance

Chapter 7

Quality Requirements

Quality	very good	good	normal	irrelevant
Functionality	X			
Reliability	X			
Usability			X	
Efficiency		X		
Modifiability			X	
Portability				X

Chapter 8

User Interface

8.1 Client Application (for clerks)

8.2 Web Interface (for customers)

Chapter 9

Non-Functional Requirements

Chapter 10

Technical Product Environment

10.1 Software

10.2 Hardware

10.3 Orgware

10.4 Interfaces (product)

Chapter 11

Special Requirements for the Development Environment

11.1 Software

11.2 Hardware

11.3 Orgware

11.4 Interfaces (development)

Chapter 12

Subproducts and Subsystems

12.1 Server

12.2 Web Interface / Web Service

12.3 Client Application

Chapter 13

Additional Specifications and Stipulations

Chapter 14

Appendices

Glossary

PIN Personal Identification Number.

Acronyms

LED light-emitting diode.