

Software Requirements Specifications
for
Project “BookExpress”

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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

Blablabla Personal Identification Number (PIN) bla!

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.

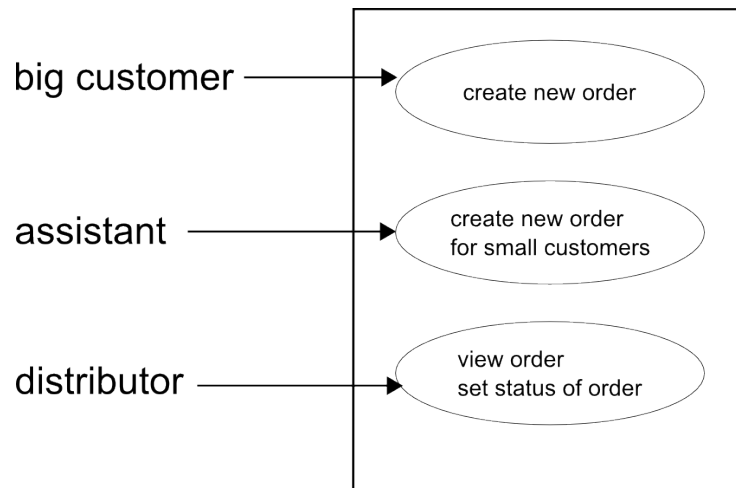


Figure 3.1: The environmental view of the product

Chapter 4

Product Functions

/LF10/

Process Search for a book

Actor Customer

Description If a customer wants to order a book, at first he has to search for it. A book can be searched by ISBN, title, author, year of publishing or genre.

/LF20/

Process Modify order card

Actor Customer

Description It should be possible to have all items on an order card.
A person can add or delete books to that card.

| | | |
|--------|-------------|--|
| /LF10/ | 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 publication or genre. |

| | | |
|--------|-------------|--|
| /LF20/ | Process | Modify order card |
| | Actor | Customer |
| | Description | It should be possible to have all items on an order card. A person can add or delete books to that card. |

/LF10/ **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 c

/LF20/ **Process:** modify order card

Actor: customer

Description: It should be possible to have all items on an order card. A person can add

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.