Cash Register – Software System Requirements

# Contents

Contents 1

Introduction 1

Software System Requirements 2

# Introduction

A small stand-alone Cash Register needs to be designed that reads barcodes of products that a Customer has selected.

This document lists all the **system requirements**, for the **software only.**

Every requirement is composed of:

* One unique ID following this pattern: SYS\_XXXXX (Five digits),
* A name, which is always a small introduction of the requirement,
* A text, describing what is this requirement for.

# Software System Requirements

SYS\_0100

Name: Manage products

Text: The cashregister shall manage all product tracking through user transactions

SYS\_0200

Name: User Interface output

Text: The cashregister shall output all transaction and status information via the provided user interface

SYS\_0250

Name: Help

Text: The cashregister shall provide help and guidance to the user via the user interface

SYS\_0300

Name: Final ticket

Text: The cashregister shall generate a ticket for the user that totals the cost of all purchased products and incorporates special offers

SYS\_0350

Name: Special Offers

Text: Any type of product can be on special offer. It should be possible to add special offers such as "Buy one get one free", "10% off“, or "Buy 3 for 1 Euro".

SYS\_0400

Name: Manage session

Texte: The cashregister shall manage all user interface and application transactions from the start to finish of each session

SYS\_0500

Name: User Interface Input

Text: The cashregister shall process and manage barcode and user input

SYS\_0600

Name: Hardware limit of products number

Text: A maximum of 50 products can be bought at one time.

SYS\_0700

Name: Local database of products

Text: The Cash Register shall contain a local database of products