**Domino’s Pizza® Point of Sales Application**

**Traceability Matrix**

**Version 1.0**

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Revision History

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# 1. Introduction

## 1.1 Purpose

This document provides a template to map requirements to different aspects of the software. This assures that all required features are taken into account in the planning of the software design.

## 1.2 Scope

The Traceability Matrix describes the relationship between the aspects of the Domino's Pizza® Point of Sales application and the requirements for the application. This will assure that all requirements are met and mapped appropriately to different aspects of the software.

## 1.3 Definitions, Acronyms, and Abbreviations

SRS Document - Software Requirement Specification Document

## 1.4 Document References

Software Requirement Specification, 9/23/2014, Mismanagement Inc.

Software Engineering A Practitioner's Approach 7th edition, 9/23/2014, Roger S. Pressman

## 1.5 System Overview

The software is intended for the use of employees at Domino’s Pizza® establishments. The application allows employees to take orders, create receipts, configure prices, and maintain employee information.

# 2. Traceability

This section contains the Traceability Matrix. The application requirements list and the application aspects list are represented by the columns and rows respectively. The Traceability Matrix illustrates any relationships between these two lists.

## 2.1 Requirements List

The following table contains a list of requirement numbers and the SRS section numbers and section titles they refer to.

|  |  |  |
| --- | --- | --- |
| Requirement Number | SRS Section Number | SRS Section Title |
| R1 | 2.1.2.1 | Screen Interface Requirements |
| R2 | 2.1.2.1.1 | Logo |
| R3 | 2.1.2.2 | Button |
| R4 | 2.2.1 | Login |
| R5 | 2.2.2 | Authentication |
| R6 | 2.2.3 | Logout |
| R7 | 2.2.4 | Logout Warning |
| R8 | 2.3 | Employee Tools |
| R9 | 2.3.1 | Employee Management |
| R10 | 2.3.2 | Order Placement |
| R11 | 2.4.1.1 | Order Requirements |
| R12 | 2.4.1.2 | Order Requirements |
| R13 | 2.4.1.3 | Order Requirements |
| R14 | 2.4.2 | Order Requirements |
| R15 | 2.4.3 | Order Requirements |
| R16 | 2.4.4 | Order Requirements |
| R17 | 2.4.4.1 | Order Requirements |
| R18 | 2.4.4.2 | Order Requirements |
| R19 | 2.4.4.3 | Order Requirements |
| R20 | 2.5 | Receipt Requirements |
| R21 | 2.6.1.1 | Configurable Data |
| R22 | 2.6.1.2 | Configurable Data |
| R23 | 2.6.1.3 | Configurable Data |
| R24 | 2.6.1.4 | Configurable Data |
| R25 | 2.6.2.1 | Static Data |
| R26 | 2.6.2 .2 | Static Data |
| R27 | 2.6.2.3 | Static Data |
| R28 | 2.6.2.4 | Static Data |

Table 1.0 Traceability Matrix Requirements List

## 2.2 Aspects List

The following table contains a list of system aspect numbers and a brief description of the aspect. An aspect is a functional subsystem of the whole software program.

|  |  |
| --- | --- |
| Aspect Number | Aspect (Subsystem) Description |
| A1 | Price Configuration Page |
| A2 | Employee Configuration Page |
| A3 | Main Page |
| A4 | Page Layout |
| A5 | Login |
| A6 | Log Out |
| A7 | Static Data |
| A8 | Order Placement Page |
| A9 | Receipt |

Table 2.0 Traceability Matrix Aspects List

## 2.3 Traceability Table

The following table cross-references each requirement with each aspect, and vice versa.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **A1** | **A2** | **A3** | **A4** | **A5** | **A6** | **A7** | **A8** | **A9** |
| **R1** |  |  |  |  |  |  |  |  |  |
| **R2** |  |  |  |  |  |  |  |  |  |
| **R3** |  |  |  |  |  |  |  |  |  |
| **R4** |  |  |  |  |  |  |  |  |  |
| **R5** |  |  |  |  |  |  |  |  |  |
| **R6** |  |  |  |  |  |  |  |  |  |
| **R7** |  |  |  |  |  |  |  |  |  |
| **R8** |  |  |  |  |  |  |  |  |  |
| **R9** |  |  |  |  |  |  |  |  |  |
| **R10** |  |  |  |  |  |  |  |  |  |
| **R11** |  |  |  |  |  |  |  |  |  |
| **R12** |  |  |  |  |  |  |  |  |  |
| **R13** |  |  |  |  |  |  |  |  |  |
| **R14** |  |  |  |  |  |  |  |  |  |
| **R15** |  |  |  |  |  |  |  |  |  |
| **R16** |  |  |  |  |  |  |  |  |  |
| **R17** |  |  |  |  |  |  |  |  |  |
| **R18** |  |  |  |  |  |  |  |  |  |
| **R19** |  |  |  |  |  |  |  |  |  |
| **R20** |  |  |  |  |  |  |  |  |  |
| **R21** |  |  |  |  |  |  |  |  |  |
| **R22** |  |  |  |  |  |  |  |  |  |
| **R23** |  |  |  |  |  |  |  |  |  |
| **R24** |  |  |  |  |  |  |  |  |  |
| **R25** |  |  |  |  |  |  |  |  |  |
| **R26** |  |  |  |  |  |  |  |  |  |
| **R27** |  |  |  |  |  |  |  |  |  |
| **R28** |  |  |  |  |  |  |  |  |  |

# 3. Miscellaneous

There are no miscellaneous items at this time.