Software Requirements Specification

1. Introduction

1.1 Purpose

The purpose of this document is to define the requirements for the sales processing system that will be developed for managing the sales process from the moment a purchase order is received from a buyer to the point where a sales order is generated and confirmed.

1.2 Scope

The sales processing system will be used by the sales team of Maveko to manage the sales process, including the processing of purchase orders, generating sales orders, and confirming sales orders. The system will be integrated with the inventory and pricing systems to ensure that accurate product information, pricing, and lead times are communicated to the sales team and customers.

2. Overall Description

2.1 Product Perspective

The sales processing system will be a standalone module that integrates with the supplier's existing inventory and pricing systems.

2.2 Product Features

The sales processing system will include the following features:

- Purchase order processing
- Sales order generation
- Sales order confirmation
- Integration with supplier's inventory and pricing systems
- Streamlined workflows for processing purchase orders
- Streamlined communication with sales team and customers

2.3 User Characteristics

The users of the sales processing system will be the sales team of Maveko, who are familiar with using computer systems and are trained on the use of the system.

3. System Requirements

3.1 Functional Requirements

- The system shall be able to process purchase orders received from buyers.
- The system shall be able to generate sales orders based on the purchase orders received.
- The system shall be able to confirm sales orders with customers.
- The system shall be able to integrate with the supplier's inventory and pricing systems.
- The system shall provide automated workflows for processing purchase orders.
- The system shall provide automated communication with the sales team and customers.

3.2 Non-functional Requirements

- The system shall be available 24/7 with a minimum uptime of 99.9%.
- The system shall be able to handle a minimum of [number] transactions per day.
- The system shall be secure and comply with [industry standards].
- The system shall be user-friendly and intuitive for the sales team.

4. System Design

4.1 Architecture

The sales processing system will be built using a [architecture type] architecture, which will include [description of architecture components].

4.2 Data Design

The sales processing system will store data in a [database type] database, which will include tables for [list of tables].

5. System Testing

5.1 Test Plan

The test plan for the sales processing system will include [list of testing objectives].

5.2 Test Cases

The test cases for the sales processing system will include [list of specific test cases].

6. Conclusion

The sales processing system developed by Maveko will provide an efficient and effective solution for managing the sales process from the moment a purchase order is received from a supplier to the point where a sales order is generated and confirmed. The system will improve efficiency, reduce errors, and enhance customer satisfaction by ensuring that all relevant information is captured accurately and in a timely manner.