**FUNCTIONAL SPECIFICATION MASTER DOCUMENT**

**( *Alias:*** FS\_M\_1 ***Version***: 1.0 **)**

for

**PROJECT SMART STORE**

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**1.** **DOCUMENT REVISION LOG**

**Table 1. Document Revision Log**

| **Date** | **Author** | **Version** | **Reason for Change** |
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**2.** **DOCUMENT REVIEW & APPROVAL**

**Table 2 . Document Review & Approval**

| **Version** | **Name & Title** | **Status** | **Approval Date** |
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**3.** **INTRODUCTION**

3.1 DOCUMENT PURPOSE

* The purpose of the Document is to present the requirements needed for the project completely, accurately and unambiguously in a technology-independent manner.
* Information is captured and updated by the team members as per the requirement subject to approval.
* This is the primary input for any design and development, and is the primary reference for all requirements for the project.

3.2 DOCUMENT SCOPE

* Business requirements
* Use cases that support the business processes
* Functional requirements
* Non-functional requirements
* Data requirements
* Future considerations

This document does not include:

* Technical and design specifications ( to be provided in system design documentation )
* Descriptions of functionality or requirements of processes outside of the business area.
* Detailed analysis of requirements related to other applications.

**4.** **BUSINESS REQUIREMENTS**

4.1 PROJECT BACKGROUND

* Small Scale Businesses are dealing with a problem of dead stock leading to loss.
* These Stores are unable to manage inventory that leads to loss of business.
* Hence Design an inventory intelligent system that helps in minimizing dead stock by optimizing inventory and ensuring expansion of variety thereby increasing profit of stores.

4.2 SCOPE STATEMENT

The Solution is intended to serve small scale businesses who do not record their inventory actively.

4.3 BUSINESS REQUIREMENTS PURPOSE

4.3.1 Inventory Information Gathering

4.3.1.1 Purchase Information Collection

4.3.1.2 Inventory Data Tracking During Sales

4.3.2 Store collected Information in Database

4.3.3 Analyzing Inventory Data upon request

**5. USE CASES**

**6.**  **REQUIREMENTS**

6.1 INPUTS

6.2 OUTPUTS

6.3 TECHNOLOGY

6.4 DATA FLOW DIAGRAM