Guidelines for Preparing SRS Document

1.1   Purpose

The aim of this document is to explain the functionality of the project developed for …………………………….

It is the outcome of rigorous consideration of the requirements of the customer, by the various groups.

This document will provide a baseline for design of the database, user interfaces, coding & evaluation of test plans. It will be used as a solid foundation for continued product evaluation.

eg:

The existing manual system of................................has the following benefits.

- To market the products of the...................company world wide
- To generate more revenue.
- More awareness of the company products to the people.

1.3   Definitions, Acronyms, and Abbreviations

C-DAC   Center for Development of Advanced Computing

SRS   Software Requirement Specifications

1.4   References for Requirement Analysis and Design

- Catalogues
- IEEE recommended practices for SRS. ANSI / IEEE Std 830 – 1993.
- Different documents, registers related to...................... project.

1.5   Overview

The remaining part of SRS consists of
1) Complete description of the various product functions.
2) Logical characteristics of product functions.
3) Hardware and software configuration for servers and clients operating at various levels.

Business Model: It defines the functions of the whole organization or its branches/departments / Sections / units/co. The detailed description of the functions yields answer to an important question viz. 'What does the organization do?' We begin with the definition of functions rather than the information strategy plan would address the business model of the organization comprehensively.

A function is defined as a logical sequence of actions performed to achieve specific objectives of the organization/co. A function may have one or many sub functions and the list of names of all the functions is given.

However, the current study and documentation of the model given fairly comprehends the fundamental functions of the …………………….

Table of Contents (Business Model)

1. List of Functions

2. Functional Description

1. **List of Functions**

Sr. No.	Function ID	Name of Function
1.	F-1	Buying and selling of jewelry items/goods.
2.	F-2	Maintaining the stocks of jewelry Items

2. **Functional Description :**

F-1. **Function: Buying and selling of jewelry items/goods.**

Function ID: F-1

Purpose :

The Company's Sales person takes care of the selling of the jewelry items. Jewelry of different of prices and quality are categorized and placed in the different rack and in different cupboards. In order to increase the life of the jewelry they are polished frequently.
The jewelry items are given to the customer as and when there is requirement from the customer.

Organization Unit: Sales Department

Time (when performed) Daily

Documents	Refer: Register maintained by the...............company to categorize the jewelry items according to the Price and quality.
Frequency	Daily
Data Entities	Register containing the information about jewelry goods/items.

F-2. Function   **Maintaining the stocks of jewelry Items.**

Function ID	: F-2
Purpose	:
	Administrative department of the .... company takes care of maintaining the stocks of jewelry items . The information contains the prices and quality item no of the jewelry item. This is done in order to provide the necessary information along with a product code.
Organization Unit	Administrative Department
Time (When Performed)	Daily
Descriptions and Decisions	The register contains the d e t a i l s o f d i f f e r e n t k i n d of jewelry items like pendent, earrings, bracelets, etc. The Administrative Department notes down the details of every item in the register.
Documents	Refer: Product Detail Register
Frequency	Daily.
Data Entities	Product Detail Register.

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3. Specific Requirements

3.1 External Interfaces

3.1.1 User Interfaces

GUI and Help Issues:

These screens will be user friendly and help will be available at all levels. Help can be any type like site map and also online help, help for entering the standard codes i.e. List of Values will be provided wherever possible in order to reduce data entry errors. User has to select the proper value from list wherever provided **eg:** Picking the date from the given list

⇨ Security Issues:

User at different levels in the hierarchy will have restricted access to information. Only authorized users will be able to access the confidential information. Only the System Administrator will do system administration and maintenance work. And update the information. Various security mechanisms will be provided such as password. e.g.

    -Password protection for valid user. (Provided by RDBMS)
    -Password at application level.

3.1.2   Hardware & Network Interfaces (?)

⇨ **Back-end Server Configuration**

- Intel Pentium-IV
- 128 MB RAM
- 1 Raid Controller Card
- 32 bit Ethernet Controller (100 Base T)
- 8 x 2.0 GB Fast SCSI/2 with Raid Support
- 2.88 MB FDD
- 48 x CD ROM Drive

- SVGA Colour Monitor on PCI with 1MB RAM
- 101 Keys Keyboard
- 1 Microsoft Mouse with pad
- 4/8 GB DAT
- One Serial & Two Parallel Ports
- Internet Information Server(IIS)
- Microsoft Transaction Server(MTS)

⇨ **Front-end Client Configuration**

- Intel Pentium-III @ 650 MHz
- 128 MB SDRAM
- 10 GB Hard Disk Drive
- 1.44 MB Floppy Disk Drive
- 15" SVGA Digital Color Monitor

- One Serial, One Parallel port and One USB port.
- 104 Keys Keyboard
- PS2 Mouse with pad
- 32 bit PCI Ethernet Card
- 48X CD Drive

3.1.3   Software Interfaces

⇨ **Software configuration for back-end Services**

- Windows NT – Server 4.0
- SQL Server 7.0

⇨ **Software configuration for front-end Services**

- Virus Protection Software
- Client Work station
- Office 2000
- Web Browser – Internet Explorer/Netscape

- Norton Utilities
- TCP/IP
- Other client application software as per requirement

3.1.4   Communication Interfaces

Various network protocols such as ISDN, ATM will be used for Intranet connectivity. UTP Ethernet, TCP/IP Protocols will be used for Local Area Networks. Network hubs, routers, bridges, cables, patch cables, connectors will be required.