***Note: Texts in black are the headings and subheadings they are to be written as it is. Texts in green are the descriptions are also to be written as it is. Texts in red are to be written according to your system.***

Chapter1 1: Introduction

1. Description of Organization
   1. 1.1 Introduction -Existing System
   2. 1.2 History of Organization
   3. 1.3 Objective of Organization
   4. 1.4 Organizational Structure
   5. 1.5 Key Result Areas
   6. 1.6 Functions

**\*If Reference organization is outside the Institute include the following in general description 1.7 and 1.8**

* 1. 1.7 Products and Services
  2. 1.8 Turnover of Organization

1. Description of proposed information system – A brief description of all processes & sub processes in narrative form For Example:
   1. Login process
      1. Account Maintenance Process
   2. Consultancy Process
      1. Skill Assessment
2. Software Requirement Specifications – A single paragraph about SRS
   1. 3.1 Introduction

The following subsections of Software Requirement Specifications Document should facilitate in providing the entire overview of the Information system “Hilton Hotel” under development. This document aims at defining the overall software requirements for your end users. Efforts have been made to define the requirements of the Information system exhaustively and accurately.

* + 1. 3.2 Purpose

The main purpose of Software Requirement Specifications Document is to describe in a precise manner all the capabilities that will be provided by the Software Application “Your Title”. It also states the various constraints which the system will be abide to. This document further leads to clear vision of the software requirements, specifications and capabilities. These are to be exposed to the development, testing team and end users of the software

* + 1. 3.3 Scope – scope of your proposed system
    2. 3.4 Definition, acronyms, abbreviations
    3. 3.5 References
    4. 3.6 Overview

The rest of this SRS document describes the various system requirements, interfaces, features and functionality in detail.

* 1. 3.7 Overall description of proposed system
     1. 3.8 Product Perspective

The application will be windows-based, self contained and independent software product.

Front End Client Application (with data entry / update /delete /view and reporting facility)

Backend Database

* + - 1. 3.9 System Interfaces

None

* + - 1. 3.10 Interfaces

The application will have a user friendly and menu based interface. Following screens will be provided.

1. A Login Screen for entering username, password and role (Administrator, operator) will be provided. Access to different screens will be based upon the role of the user. And so on.

The following reports will be generated:

(i) And so on.

* + - 1. 3.10.1 Hardware Interfaces
      2. 3.10.2 Software Interfaces
      3. 3.10.3 Communication Interfaces

None

* + - 1. 3.11 Memory Constraints
      2. 3.12 Operations

This product will not cover any automated housekeeping aspects of database. The DBA at client site will be manually deleting old/ non required data. Database backup and recovery will also have to be handled by DBA.

* + - 1. 3.13 Site Adaptation Requirement

The terminals at client side will have to support the hardware and software interfaces specified.

* + 1. 3.14 Product functions

The system will allow access only to authorized users with specific roles (Administrator, Operator). Depending upon the user’s role, he/she will be able to access only specific modules of the system.

A summary of the major functions that the software will perform:

(i) A Login facility for enabling only authorized access to the system.

(ii) Users (with role operator) will add/update/delete the stored information and so on

* + 1. 3.15 User Characteristics

3.15.1. Educational Level: At least graduate and should be comfortable with English language.

3.15.2. Technical Expertise: Should be a high or middle level employee of the organization comfortable with using general purpose applications on a computer

3.16 Constraints

None

* + 1. 3.17 Assumptions and Dependencies – if any
    2. 3.18 Apportioning Requirement

Not Required

* 1. 3.19 Specific Requirements

This section contains the software requirements to a level of detail sufficient to enable designers to design the system, and testers to test the system.

* + 1. 3.20 External Interfaces
       1. 3.21 User Interfaces

The following screens will be provided:

* + - 1. 3.22 Hardware Interfaces

Refer to 3.10.1

* + - 1. 3.23 Software interfaces

Refer to 3.10.2

* + - 1. 3.24 Communication Interfaces

None

* + 1. 3.25 System Features

3.25.1 Module name

Description

One paragraph in brief about module

Validity Checks

Sequencing Information

Error Handling / Response to abnormal situations

* + 1. 3.26 Performance Requirements

None

* + 1. 3.27 Logical Database Requirements

The proposed information system contains the following data tables in its database collection.

* + 1. Table name
    2. 3.28 Design Constraints
       1. Standard Compliance

None

* + 1. 3.29 Software System Attributes

3.29.1 Reliability

This application is a reliable product that produces fast and verified output of all its processes.

3.29.2 Availability

This application will be available to use for your end users and help them to carry out their operations conveniently.

3.29.3 Security

The application will be password protected. User will have to enter correct username, password and role in order to access the application.

3.29.4 Maintainability

The application will be designed in a maintainable manner. It will be easy to to incorporate new requirements in the individual modules.

3.29.5 Portability

The application will be easily portable on any windows-based system that has oracle installed.

* + 1. 3.30 Other Requirements

None

Chapter 2: System Design

1. Physical Design- about your system
   1. Block Diagram- about block diagram followed by properly labeled diagram
   2. Processes- All the processes along with their subprocessess
   3. Input and Output of processes

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Process | Input | Output |
|  |  |  |  |
|  |  |  |  |

* 1. Use case diagram
  2. Data Flow Diagrams
  3. Entity Relationship Diagram

2 Database Design

The information system of “your title” performs its function with the help of the data store in certain repositories called Databases of the system. Detailed descriptions of the various databases included in the information systems are tabulated as follows:

2.1 Login database

Schema of each table properly labeled

Data Dictionary

A data dictionary is metadata repository or a centralized repository of information about data such as meaning, relationships to other data, origin, usage and format. The term may have one of several closely related meaning pertaining to databases and database management systems (DBMS):

* A document describing a database or collection of databases.
* An integral component of DBMS that is required to determine its structure.
* A piece of middleware that extends or supplants the native data dictionary of a DBMS.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TABLE NAME | COLUMN NAME | FIELD TYPE | SIZE | PRIMARY KEY | NULL | DESCRIPTION |
|  |  |  |  |  |  |  |

3. Interface Design

The interface design consists of the input and output source layouts. i.e. the input forms and screens and the report layouts that form as a source of outcome and income in the design and implementation of the information system under study

3.1 Input Design

The input specifications of the existing information system include the illustration of the detailed characteristics of contents included in each Input Screen and documents. The description for each graphical user interface has been mentioned.

EXISTING SYSTEM DESIGN (Graphical User Interface)

1. Main Form

Snap shot of your main screen

Description and so on

3.2 Output Design

The output specifications of the existing information system include the detailed characteristics of contents included in each Report. The description for each Visual Basic Output Report has been mentioned.

1. Report 1

Snap shot of your report properly labelled

Description

File Linked to: name of the table

and so on