

Software Requirements of Specification for Office Management System

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**Purpose**

An automated module for the Office will help in automating functions of the administration department. It helps in reducing the time spent in record keeping and the work can be carried out effectively. The searching of records in future will also become easy. The redundancy in the data due to manual data will also be tackled. The

Office will be able to access

The personal information 

of each customer easily.

The administration department

Will also be able to add new branches of office, staffs and customers, resource, tasks, attendance, performance check.

**Scope**

This subsection should:

1. Identify the software product(s) to be produced by name; for

Example, Host DBMS, Report Generator, etc.

2. Explain what the software product(s) will, and, if necessary, will

Not do.

3. Describe the application of the software being specified.

Definitions and Acronyms

**References**

Synopsis Office Management System

<https://www.freeprojectz.com/premium-synopsis/synopsis-office-management-system>

**1.5 Glossary**

This subsection contains definitions of all the terms, acronyms, and abbreviations used in the document. Terms and concepts from the application domain are defined.

• SRS – System Requirement Specification

• SDLC – Software Development Life Cycle

• UI – User Interface

**2. Classes and Characteristic**

There are four types of user in the system.

They are:

●Officer

●Manager

●Customer

●Employee

1. **Officer:** The office management system is an application for a user. A user can create account by this system. But an officer can control full system. If officer see any harmful effect on this system and don’t give exact information of a user then admin can band or give thread on user. The summery is officer can do everything. Officer check Non Register employee skill.
2. **Manager:** There are two types of manager

►Area Manager

►Local Manager

Area manager will check junior officer experiences and Local manager will check senior officer experience.

1. **Customer:** Customer can create an account. There are two types of customer: registered customer and non-registered customer. Registered customer get discount onto the offer. Non Registered customer don’t get any discount.
2. **Employee:** Basically employee are the staff of the office. There are two types of employee which is registered/full time and non-registered/part time. Registered employee can check registered customer and get discount. And non-registered employee check non registered customer account.

**3. Design and Implementation Constraints**

Design and implementation constraints are those that we have used to implement this project make successful. It also describes tool that enables developers and testers to view and interact with the user interface (UI) elements of this application.

**3.1 User Interface Technology**

User interface (UI) is everything designed into a system view that which person’s associates with this system may like the interface of this system.

**3.1.1 Software Interface**

1 Any windows operating system.

2 The PHP must be installed. For the database handling MYSQL must be installed.

These products are open source products.

3 Visual basic

**3.1.2 Programming Language**

The languages that shall be used for coding Bank management System are C , C++ , java ,PHP, and HTML. The Graphical interface (Front End)

of the application is prepared by the usage of Visual Basic.

**3.1.3Database design**

In our database design, we give names to data flows, processes and data stores. Although the names are descriptive of data, they do not give details .So following DFD, our interest is to build some details of the contents of data flows, processes and data store. A data dictionary is a structured repository of data about data .It is a set of rigorous definitions of all DFD data elements and data structures.

**3.1.4 Software interface**

The project will require the Visual Basic as a front end and at the back end the database MYSQL will be running. We used java server faces (J S f)

**3.1.5 GUI**

This is interface must be highly intuitive or interactive because there will not be an assistance for the user who is operating the System. At most of the places help desk should be provided for user’s convenience. The screens appearing should be designed in such a manner that it can draw User attraction towards the new plans for the customers.

Also the pin and password confidentiality should be maintained,

This can be done by using asterisks at the password panel.

Proper security messages should be displayed at most of the places.

Use Case Diagram

**5. Requirement Specification**

The complete requirement specification based on the elicitation process is described in this section.

**5.1 Functional Requirements**

The Functional Requirements Specification is designed to be read by a general audience. Readers should understand the system, but no particular technical knowledge should be required to understand the document.

* Customer
* Account
* Insert Information
* Getting Discount
* Check Performance
* logout

**5.2 Non Functional Requirement**

* Information in office
* Account number
* Password
* Information Transfer
* Tasks
* Attendance

**5.3 Performance Requirements**

A requirement that specifies a performance characteristic that a system or system or system component must possess; for example, speed, accuracy, frequency.

**5.3.1 Speed and Latency Requirements**

The system is required a fair amount of speed especially while browsing game lists to take bet on a posted game.

**5.4 Dependability Requirements**

The flexibility of current frameworks encourage system architects to enable reconfiguration mechanisms that refocus the available, safe resources to support the most critical services rather than over-provisioning to build failure-proof system. Therefore, these requirements are essentials.

**5.4.1 Reliability and Availability**

In order to support global and smooth operations the system must be available around the clock. On the other hand most services in this system are not mission critical. Even better the game posting can handle times of downtime as the users usually interact with high availability from third party website. This system will be able to catch up with their data once it's up and running again.

**5.4.2 Robustness and Fault Tolerance Requirements**

The system will almost ensure 0% crush in any single minor error and don’t give any wrong calculation.

**5.5 Maintainability and Supportability**

Supportability is the degree to which system design characteristics and planned logistics resources meet system requirements. Supportability is the capability of a total system design to support operations and readiness needs throughout the lifecycle of a system at an affordable cost.

**5.5.1 Supportability Requirements**

In order to understand the system's behavior on a technical support required by the system operator. The reason for reading them might be.

¬ User Friendliness is provided in the application with various controls provided by system Rich User Interface.

¬ The system makes the overall project management much easier and flexible.

¬ It can be accessed over the Intranet.

¬ The city information files can be stored in centralized database which can be maintained by the system.

**5.5.2 Adaptability**

Requirements There are no specific adaptability requirements.

**5.5.3 Security Requirements**

There are no access requirements beside those that have been outlined in the below

**5.5.4 Access Requirements**

To get access to the system, the system provides authorization/authentication way. This system uses various modules.

**5.5.5 Privacy Requirements**

The system provides a protection of the database in the server. However, the system will have to increment this level of protection because of the data mode available on the system & the larger share of people that will be having access to it through the system’s registration. The admin privacy will be granted by the limited access that the log in process is going to give to the database.

**5.6 Usability and Human Integrity Requirements**

These Requirements define how to meet the physical and cognitive needs of the intended users of your website or application.

**5.6.1 Accessibility Requirements**

There are no access requirements beside those that have been outlined in the below:

AR-1: Log in as a User

AR-5: Log out as a User

To get access to this system or a specific module the system must provide a central authentication mechanism. In order to prevent anyone to exploit stolen all users password must be encrypted in hash process.