HOTEL MANAGEMENT SYSTEM

CONTENTS SHEET

ABSTRACT :

This is a software which has mainly made for management of a Hotel. The software has been designed with front-end as VB and backend as MS-access. The project Hotel Management manages and maintains the records of customers and room in the hotel. The rooms have different categories such as A.C., non-A.C., dormitory etc. So there charges and records will be maintained accordingly.

This software has been made in a user friendly interface, so that normal persons can add, delete the entries of customers and handle all the transactions easily.

SYSTEM ANALYSIS :

The initial analysis is made by knowing the user requirements. In analysis phase, we have analysed the user's requirement such as:-

Addition of the record of the customer who comes into the hotel ,deletion of the record when customer leaves the hotel, printing and calculation of the bill ,record of facilities available in the hotel ,allotment of the rooms etc.

In this project we have also analysed that the product or software should not be very costly but its quality and interface must be attractive. If any wrong operation is being performed then the software must invoke the operator accordingly.

FEASIBILITY STUDY :

A feasibility study is carried out to select the best system that must performance requirement and its working ability in an organization.

The feasibility of the system has been done in three types:-

- ➢ Technical Feasibility Study
- ➢ Economical Feasibility Study
- ➢ Behavioural Feasibility Study

1. TECHANICL FEASIBILITY :

Technically we have made feasibility in keeping mind about the hardware so that the designed software can work smoothly with maximum efficiency with the hardware.

2. ECONOMICAL FEASIBILITY :

In this we mainly calculate the cost of proposed system and the cost of customer and compare the cost to meet the users cost.

The cost of hardware ,facility cost , operating and supply costs are considered. The cost of feasibility is also considered on this such as wiring , lightning ,A.C. etc.

3. BEHAVIOURAL FEASIBILITY :

We have to consider the cost of staff which have special efforts to educate, sell train on new ways.

S/W & H/W REQUIREMENTS :

There are some software and hardware requirements of the software hotel management system.

SOFTWARE REQUIREMENTS :

➢ VB as frontend

➢ MS-Access as backend

➢ Windows XP and family

HARDWARE REQUIREMENTS :

➢ Pentium- 4 processor

➢ 40 &more GB for data storage

➢ 128 to 512 KB RAM

➢ Printer for reporting and printing

IMPLEMENTATION :

To implement this project "HOTEL MANEGEMENT" we require a visual basic as frontend & MS-access as backend.

SYSTEM DESIGN :

In this software we have developed some forms. The brief discription about them is as follow :-

1. ## LOGIN FORM :

   In this form the user will have to enter a username and password. If the password is correct ,only then the project will proceed further else an error message will be displayed.

2. ## MDI FORM :

   This is the main form. It contains following fields :-

   - Check in
   - Check out
   - Facilities

   On moving the cursor to any of the above fields ,drop down menus will be displayed user can click on any of the options available in them and their respective forms will open.

3. **NEW :**

                  The main purpose of this form is to add a new customer to the records. For this purpose, the user will be required to fill the customer id ,name of the occupants ,their address. The user can select the type of rooms from the list box(such as A.C. ,non-A.C. ,suit ,dormatory). The charges per day of these rooms are displayed in the list itself. After filling all the entries ,when we click on the 'Submit' button , the record will be added to the database.

4. **FACILITIES :**

                  This form shows all the facilities available in the hotel such as :-
   Restaurant ,Swimming pool ,Conference hall etc. The customer can make use of any of these facilities. The charges of these ,will be calculated and printed in the bill given during the check out of the customer from the hotel.

5. **BILL** :

This form is used during the check out of the customer from the hotel. The user will have to fill in all the information of the customer i.e. customer id the no. of days he stayed ,time of check in ,time of check out ,facilities used etc. After this when he clicks on "Submit" button ,the bill of the customer will be printed easily.

CONCLUSION :

This project have been designed in a great user friendliness and largely providing attribute interface ,the project is working with quick response and same level of security is also maintained. The database with MS-Access is maintained and frontend with VB given project has been developed in a group which helped us with different logic and ideas.