**SYNOPSIS**

* Project Name: Hotel Management System
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**INTRODUCTION**

This is Project work undertaken in context of partial fulfillment of MCA. We had tried our best to make the complicated process of Hotel Management System as simple as possible using Structured & Modular technique & Menu oriented interface. We had tried to design the software in such a way that user may not have any difficulty in using this package & further expansion is possible without much effort. Even though we cannot claim that this work to be entirely exhaustive, the main purpose of my exercise is perform each Employee’s activity in computerized way rather than manually which is time consuming.

We are confident that this software package can be readily used by non-programming personal avoiding human handled chance of error. This project is used by two types of users.

1. Hotel reception.
2. Administrator (management of the Hotel).

Hotel reception check all facilities of Hotel.

Administrator can maintain daily updates in the employees, rooms, driver. Administrator is must be an authorized user.

The main aim of the entire activity is to automate the process of day to day activities of Hotel like Room activities, Admission of a New Customer, Assign a room according to customer’s demand, checkout of a computer and releasing the room and finally compute the bill etc. The limited time and resources have restricted us to incorporate, in this project, only a main activities that are performed in a HOTEL Management System, but utmost care has been taken to make the system efficient and user friendly. “HOTEL Management System” has been designed to computerized the following functions that are performed by the system:

* Room Detail Functions:

Opening a new room

Modification of room assigned

* Employee details functions:

Add a new employees

Personal & job allotment

* Driver details functions:

Add a new driver

Car details

**OBJECTIVE**

During the past several decades personnel function has been transformed from a relatively obscure record keeping staff to central and top level management function. There are many factors that have influenced this transformation like technological advances, professionalism, and general recognition of human beings as most important resources.

• A computer based management system is designed to handle all the primary information required to calculate monthly statements. Separate database is maintained to handle all the details required for the correct statement calculation and generation.

• This project intends to introduce more user friendliness in the various activities such as record updation, maintenance, and searching.

• The searching of record has been made quite simple as all the details of the customer can be obtained by simply keying in the identification of that customer.

• Similarly, record maintenance and updation can also be accomplished by using the identification of the customer with all the details being automatically generated. These details are also being promptly automatically updated in the master file thus keeping the record absolutely up-to-date.

• The entire information has maintained in the database or Files and whoever wants to retrieve can’t retrieve, only authorization user can retrieve the necessary information which can be easily be accessible from the file.

• The main objective of the entire activity is to automate the process of day to day activities of Hotel like:

1. Room activities

2. Admission of a New Customer

3. Assign a room according to customer’s demand

4. Checkout of a computer and releasing the room

5. Finally compute the bill etc.

6. Packages available.

This project have some more features:

• System Connectivity

• No data duplication

• No Paper Work Required

• Time Efficient

• Cost Efficient

• Automatic data validation

• User friendly environment

• Data security and reliability

• Fast data insertion & retrieval

• Easy performance check

* Language : Java core
* Concept : Swing
* IDE : Eclipse
* Database : MySQL