Srilanka Institute Of Advance Technological Education (SLIATE)

Higher National Diploma In Information Technology

Project Proposal

(Network track)

Title

Hotel Booking Management System

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1. Introduction

The project online hotel management is web based application that allows the hotel manager & owner to handle all hotel acctivities online easily and safely.Using interactive GUI anyone can easily learn to use the complete system. Using this hotel manager don't have to sit and manage the entire activities on paper.And at the same feel comportable to keep a check on hotel easily from anywhere around the world.

This system will gave them power and flexibility to manage the entire system from a single online portal.hotel management system provides room booking features. The system will be so simple and attractive which will make the customer comportable to use and choose their idael room.

The system allows the owner to check the progress of the hotel from intreractive graphs and he will be notified of each new change made in system.The system allows to keep track on available rooms.Customer can view and book an available room online and the system will automatically generate types of type of room is booked

2. Background and motivation

Manmnai north & Kallady Divisional of Batticaloa District,of Eastern Province,Srilanka. K.P.K is a growing tourist destination,

Currently they are using a manual system to handle all the data about the hotel room and booking. And they feel this is not effiective and efficincy for them. The current system making them some major problem as tourist may reserve their room that they want nnd the hotel manager can update all the facilities easily.

As per that I think about to make web application for them to handle hotel activities and make more efficient for all the customers to resrve room for their comfortable

3. problem in briefly

In a manual booking system you call the specific property, speak to a person and they note your reservation.Manual reservation system is paper ledgers of who is checking in,which room,what period etc.

In a manual hotel reservation system,you call the particularinn property, address a man and they take note of your reservation.

Nowadays, most likely ,"manually" implies enter it into a pc however it is one on the site . it is not accessible through the web or an outsider.

The manual hotel system take long time process compare with computerized hotel System. Example User search the particular rooms from hotel its can take long time.

So 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 to a room.

4. Aims and objectives

4.1. Aim

Aim of our project is create a hotel management system for need an automatically system to handle and manage the booking response for hotel.

4.2 Objectives

- Insert hotel details.

- The quest will pass the registration from of the system if he wants to check-in and the system will automatically give the vacant room to the quest.

- Save the clients information into the database prior to booking or check in.

- Help to improve hotel services

- customize the type of the hotel rooms with prices.

4.3 Requirements

The system has basically 2 types of users.

1. **Administrator**

   - Administrator will be hotel manager.

   - Administrator can control all the system.

   - Administrator can update ,delete and edit details.

   - Search and view details of the rooms.

2. **customer.**

   - Search and view details of the rooms.

   - booking for the room in sopecific date.

   - customer porovide their opinion about the hotel

5. Proposal solutions

The proposed solution of the manual management system is to develop a computerized hotel management system. Before developing the proposed system , there is need identify.

1.The design of proposed system.

2.The main users of the hotel managemnt system.

3.The activites of main users.

5.1 The design

The proposed system will be designed using Net beans as the front end and My SQL as the back end (the database used to store the rooms details, Hotel details, non response customer details and response Details). The size (in terms of memory) of the proposed system will be small.

5.2 The users

The main users of the proposed system are the administrator, Head of hotel

5.3 Their activites

The activities of the main users of the proposed ststem are listed in a table below

No	Activities of administrator
01	Include hotels details

02	Include rooms details
03	Include hotel facilities
04	Manage or control the hotel
05	Add and update registration details

6. Resource requirements

The proposed system will be develop using php.

6.1 Hardware

- PC or Laptop with Minimum Core 2 Duo Processor.

- Minimum 1 GB space in Hard Disk

- Minimum 2 GB Ram

6.2 Software

- Operation System : Windows 7 or Above

- Language : php

- Server : Apache Server

- DBMS : MySQL

7. Reference

Internet

a. php with mysql lynda tutorial.

b. collective Knowledge Acadamy you tube channel css

c. www.hotel.management.com