

March 19, 2018

LoTel Web Application

Abstract

Hospitality is with certainty one of the most essential and needed areas in our everyday lives considering the fact that guests to either a hotel, office, restaurant and homes needs to be attended to, only but to ensure a pleasant visit and experience while making them feel welcomed and comfortably at home regardless of where they are. Therefore, this hospitality is what makes the Travel and Tourism industry to thrive of which hotel management is a significant branch, through which all aspects related to the functioning of a hotel are managed from the time a guest arrives at a hotel to the time they check out. Therefore, a system to aid with the management of any hotel efficiently is assuredly needed, the system addresses, solve and consists of some of the following;

- Booking and Reservations (registering of guests into the hotel and reserve / book a room for them through the system)
- Inventory control system (ensuring acquisition of the right goods, correct quantities, monitoring quality, managing suppliers).
- Bookkeeping and accounting (this module will capture and depict the daily, weekly, monthly and yearly income reports and all liabilities)
- Point of sale (POS), this will be used at the restaurant / kitchen and the bar.
- Human Resource Management (employee welfare, staff leaves and shifts).
- Beauty Spa
- Integration or connection of more than one hotels / lodges into one central control station.

Introduction

After an information gathering process from several hotels managed by manual and computerized systems, the system analyst saw that the hotel indeed needed a computerized management system.

After a close analysis of samples collected during the problem definition stage the analyst found that all the hardware and software requirements needed for implementation and maintenance of the system are readily available in the market and cheaply affordable by the hotel. The system was carefully designed to ensure maximum efficiency of the system at the hotel. The system was skillfully and carefully developed to seal any possible loopholes in the system.

This system will indeed help the hotel management and the esteemed staff members to manage and steer the hotel's functionality and transactions to realize its maximum potential in addition to its competence in the hotel business field.


A strong LOTEL Web Application system have the following advantages;

- ❖ The system enables easy and fast access to the guest files.
- ❖ The system provides better data management facilities.
- ❖ The system is merged with online booking of guests into the hotel hence international guests can easily book into the hotel.
- ❖ The system provides performance evaluation of the employees to ensure maximum output from the employees.
- ❖ The system provides security measures to access the hotel's information lowering data security threats.
- ❖ The system help reduce the congestion of guests ensuring best service output for customer satisfaction process.
- ❖ Easy retrieval, display and update of the guest records.
- ❖ Reduction of data entry and processing errors.

Project Aim

The purpose of this web application was but to provide a convenience and a rather sophisticated way of managing the hotel from reservations and booking through restaurant, administration, accounting, bar, stock inventory to beauty spar and human resource in a more economical and expeditious way.

The system will cover; booking, accommodation, housekeeping, food and beverages, guest services, health and spa and travelling.

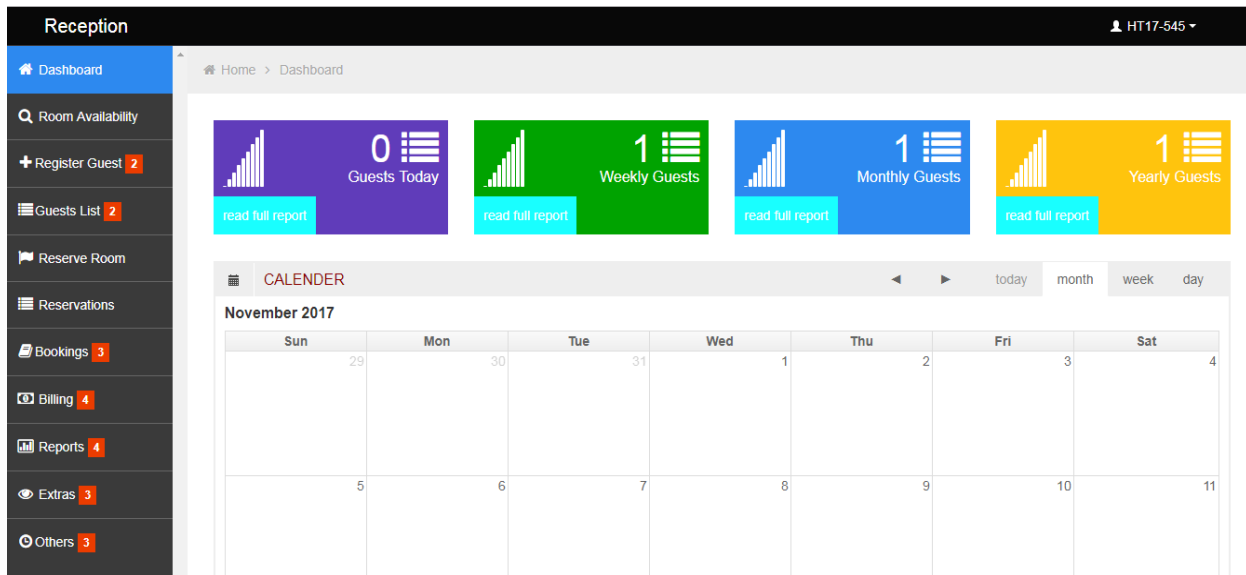


Objectives

- To enable automated data entry methods.
- Ensure efficient and reliable communication within the hotel.
- Avoid data entry errors by use of input masks.
- Enable easy authorized modification of data.
- Enforce security measures to avoid unauthorized access to guest records.
- Enable fast and easy retrieval of guest records and data for fast reference activates.
- Auto generation of income reports and guests' reports, daily, weekly, monthly and yearly.

Screen Shots

Reception (Reservations and Booking)



Stock Inventory

Inventory Administrator

Home > Dashboard

- Dashboard
- Suppliers
- List Suppliers
- Manage 3
- Pro. Category 2
- Add Products
- List Products
- Allocate Products
- Allocated Products
- Item (s) Request
- Manage 2
- Reports 4

Products Today

read full report

Weekly Products

read full report

Monthly Products

read full report

390

Yearly Products

read full report

CALENDER today month week day

Lodge Bookings and Check ins

The calender on the left depicts all check ins and bookings of the lodge.

November 2017						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18

Accounting

Accounts Administrator

Home > Dashboard

- Dashboard
- Expenses 3
- Financial Reports 3
- Guests Sales 4
- Guests Reports 4
- Bar Sales 4
- Bar Reports 4
- Res Sales 4
- Res Reports 4
- Other Sales 2
- Other Reports 2
- Leisure Sales 3

0

Guests Today

read full report

1

Weekly Guests

read full report

1

Monthly Guests

read full report

1

Yearly Guests

read full report

CALENDER today month week day

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Administration

Most Visited Getting Started Suggested Sites Web Slice Gallery

Administrator Administrator

Dashboard Home > Dashboard

- Employees 3
- Job Titles 2
- Survey Questions 2
- Rooms 2
- Conferencing 2
- Leisure 2
- Laundry 2
- Accommodation
- Accounting
- Beauty Spar
- Human Resource

0
Guests Today

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1
Weekly Guests

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1
Monthly Guests

[read full report](#)

1
Yearly Guests

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12	13	14	15	16	17	1

Human Resource

Human Resource HT17-715

Dashboard Home > Dashboard

- Employee Welfare
- Job Titles 2
- Employees 3
- Qualification 2
- Work Experience 2
- Payroll 2
- Employee Leaves 3
- Attendance 2

0
Attendance Today

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0
Weekly Attendance

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0
Monthly Attendance

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0
Yearly Attendance

[read full report](#)

CALENDER today month week day

March 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17