

Villa Management Software

Management software system documentation

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**Why has VMS become a requisite villa business component?**

Technology in the hotel industry continues to advance at a rapid pace and villa management software (VMS) remains essential for hoteliers looking to improve the running of their business. With software, hotel operators can streamline their administrative processes and improve their overall villa management system. It reduces disorganization in reservations & increases booking and managing efficiency.

**What is a tool ?**

A programming tool or software development tool is a computer program that software developers use to create, debug, maintain, or otherwise support other programs and applications.

**Common types of software used in villa/hotel business are:**

* word processing programs.
* business invoicing programs.
* billing programs.
* payroll software.
* database software.
* asset management software.
* desktop publishing programs

**Primary features of a villa management software are:**

* All-in-one platform
* Integrates easily with third parties and credit card processing
* 24/7 customer support
* Easy-to-use interface
* Availability of calendar
* Data hiding; the ability to restrict user privileges

**Evaluation :**

Evaluation process will critically examine our management process and will make sure if it's fulfilling the needs of pacing up with the market needs and efficiently collecting the visitor data and feeding it in with a sense of analyzing information about a it’s activities, characteristics, and outcomes. Its purpose is to make judgments about the system, give reviews, to improve its effectiveness, and/or to inform programming decisions.

**Methodology used:**

The method being used in developing the hotel management system is the System Development Life Cycle (SDLC); This process includes project identification and selection, project initiation and planning, analysis, design, implementation and maintenance. The main reason SDLC model is chosen because in it, it favours parallel phase processing. It can be interactive that is phase are repeated as required until an acceptable system is found.

**Business aspect:**

* Speeds up the process
* Less errors
* Prevents double bookings
* Generates nationality reports
* Accurate daily revenue reports
* Real time results

**Technical point of view:-**

* The important point to be highlighted in a software should be a hotel reservation & management system.
* Hotel Reservation System accessed by processing secure reservations made over a hotel’s information desk.
* The information is then passed on to backend system, which can be used by villa to monitor bookings.

**TOOLS AND TECHNIQUES FOR VILLA MANAGEMENT SOFTWARE:**

* Up-to-date information from a villa’s reservation system.
* Types of rooms are available, with rates for those rooms and the available amenities. .
* Hotel management Software provides hotel reservation services, front desk operations, inventory management, resource distribution, sales,  Housekeeping management and Profile management.
* [Business Analytics](https://www.cloudbeds.com/?utm_source=google&utm_medium=cpc&utm_campaign=hotel&utm_term=hotel%20management%20system&utm_content=262551612957&gclid=CjwKCAjw-8nbBRBnEiwAqWt1zTijpq0zQqo0NdfpIx1sK8WrwUBTU5ohWi8G3oLwixRPIM9C3BULSxoCs2kQAvD_BwE#feature-04-details).
* [Payment Processing](https://www.cloudbeds.com/?utm_source=google&utm_medium=cpc&utm_campaign=hotel&utm_term=hotel%20management%20system&utm_content=262551612957&gclid=CjwKCAjw-8nbBRBnEiwAqWt1zTijpq0zQqo0NdfpIx1sK8WrwUBTU5ohWi8G3oLwixRPIM9C3BULSxoCs2kQAvD_BwE#feature-05-details)s.
* [Guest Customer Relationship Management (CRM)](https://www.cloudbeds.com/?utm_source=google&utm_medium=cpc&utm_campaign=hotel&utm_term=hotel%20management%20system&utm_content=262551612957&gclid=CjwKCAjw-8nbBRBnEiwAqWt1zTijpq0zQqo0NdfpIx1sK8WrwUBTU5ohWi8G3oLwixRPIM9C3BULSxoCs2kQAvD_BwE#feature-06-details)
* Rate management to maximize revenue through [seasonal rates](https://blog.capterra.com/ways-to-make-standout-spring-break-hotel/)
* Personalized guest, company, and travel agent profiles that can be exported into [marketing](https://blog.capterra.com/independent-hotel-marketing-how-to-dominate-online-in-2016/) campaigns
* PCI-compliant payment provider and information sharing capabilities across multiple platforms.

**References:**

***BOOKS REALTED TO THE HOTEL MANAGEMENT:-***

* **Without Reservations: How a Family Root Beer Stand Grew into a Global Hotel Company**

**Written by J.W. “Bill” Marriott, Jr**

* **BE OUR GUEST: PERFECTING THE ART OF CUSTOMER SERVICE**

**WRITTEN BY THE DISNEY INSTITUTE AND THEODORE KINNI**

* [**Guest Tracker: Reservation Software for Hotels, Motels, B&B's, and Resorts**](http://guesttracker.com/index.html)

**Article by** [***Dan Taylor***](https://blog.capterra.com/author/dtaylor/)***in***[***Hospitality Property Management***](https://blog.capterra.com/articles/hotel-management/hospitality-property-management/)

LINK:- https://www.siteminder.com/r/trends-advice/hotel-management/10-books-hotel-manager-read/

**IMPORTANT NAMES IN THE FIELD, RESEARCH TEAMS**

const double cChicken\_PRICE = 2.5;

const double Bacon\_PRICE = 3.50;

const double cChickenBMeal\_PRICE = 4;

const double cDrinks\_PRICE = 2;

const double mcTAX\_RATE = 0.2;

Double ChickenCost;

Double ChickenBMealCost ;

Double BaconCheeseCost ;

Double noOfItemChickenB;

Double noOfItemItemChickenBMeal;

Double noOfItemItemBaconCheese;

Double MealCostC = 0;

Double MealCostF = 0;

Double MealCostB = 0;

Double MealCostD = 0;

Double mcSubTotal;

Double cTax;

int numberOfOrder;