

# *Hotel Management system*

**Submitted by : -**

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# Introduction:

- We have tried our best to make the complicated process of Design and Development of Web Based Hotel Management System as simple as possible using Structured & Modular technique & Menu oriented interface. This project is used by two types of users :
  - i. Online User and
  - ii. Administrator (management of the Hotel).

# Purpose

The main purpose of my exercise is perform each Employee's activity in computerized way rather than manually which is time consuming .

The entire activity is to automate the process of day to day activities of Hotel like

- Room activities very safely,
- Assign a room according to customer's checkout of a computer and
- Releasing the room and finally compute the bill in short time .

# Existing features

“HOTEL Management System” has been designed to computerize the following functions that are performed by the system :

- ✓ Room Detail Functions
- ✓ Opening a New Room
- ✓ Modification to Room assigned
- ✓ Check-in and check-out Functions
- ✓ Sign-up of New customer
- ✓ Room assigning related to customer's need
- ✓ Statement of customer Details
- ✓ Room Details
- ✓ Individual customer Report.

# System facilities

- Booking a room online add up long before guest's arrival.
- Guests can read reviews and compare prices for Online Room Booking.
- The most important advantage of online room booking is convenience.
- Internet helps people to browse through the hotels around the world and compare the facilities and rates easily.

# Software requirements

- **System development software**
- Operating system: Windows 7
- Development platform: Dreamweaver
- Language: PHP , MySql
- Server: Apache
- HTML: HTML5
- Style sheet: CSS JQuery
- Browser: Mozilla Firefox 19.02 Beta
- 
- **User required software:**
- Operating system: Windows7, 8,10
- HTML: HTML 5
- Browsers: Mozilla Firefox 11.0 and Upper version

# Hardware requirements

## **System development hardware**

CPU: Intel dual core , 3.0 GHz

RAM: DDR3 2GB

HDD: 1 TB

Monitor: Color monitor

## **User hardware requirement**

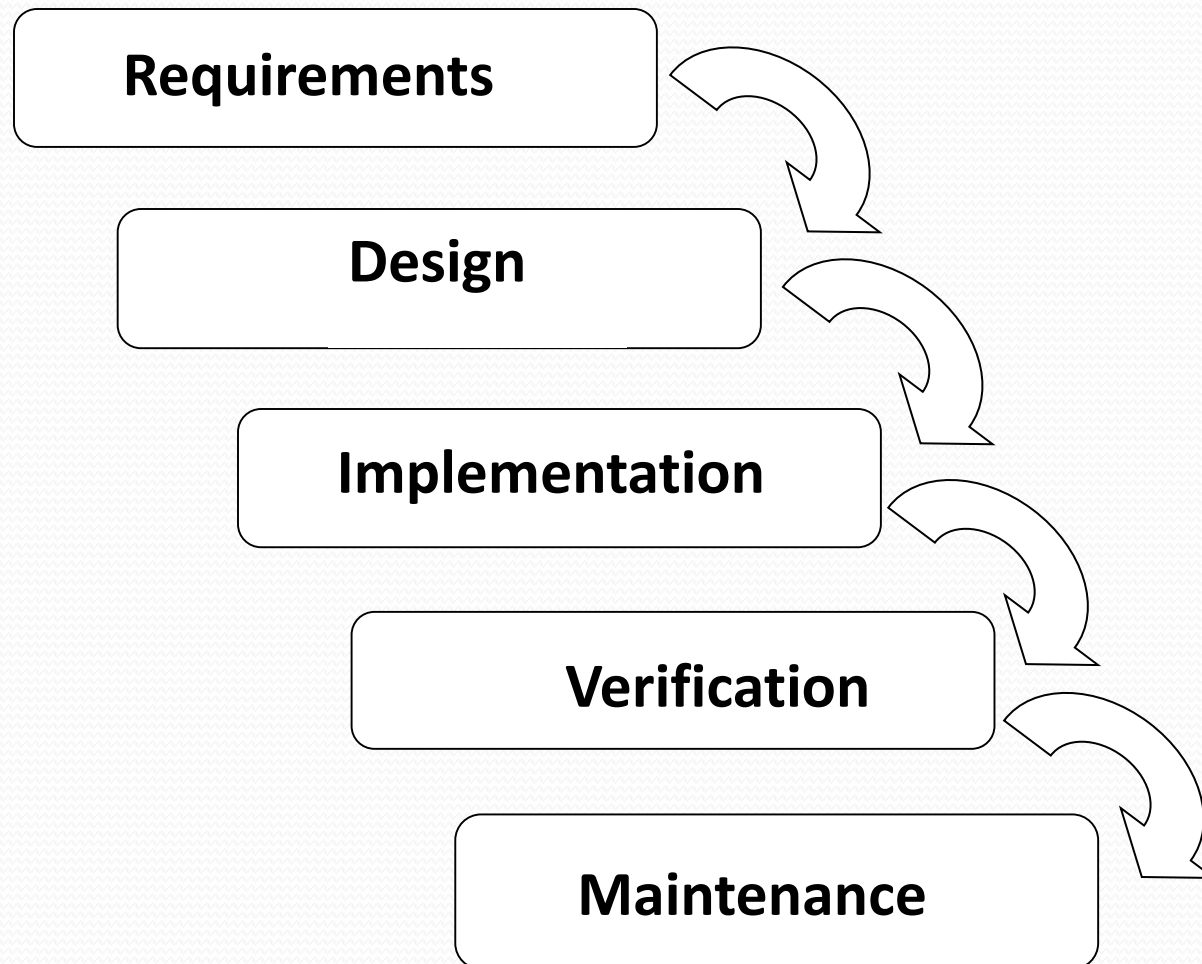
CPU: Intel Pentium 4, 2.0 GHz

RAM: DDR2 1GB

HDD: 80 GB

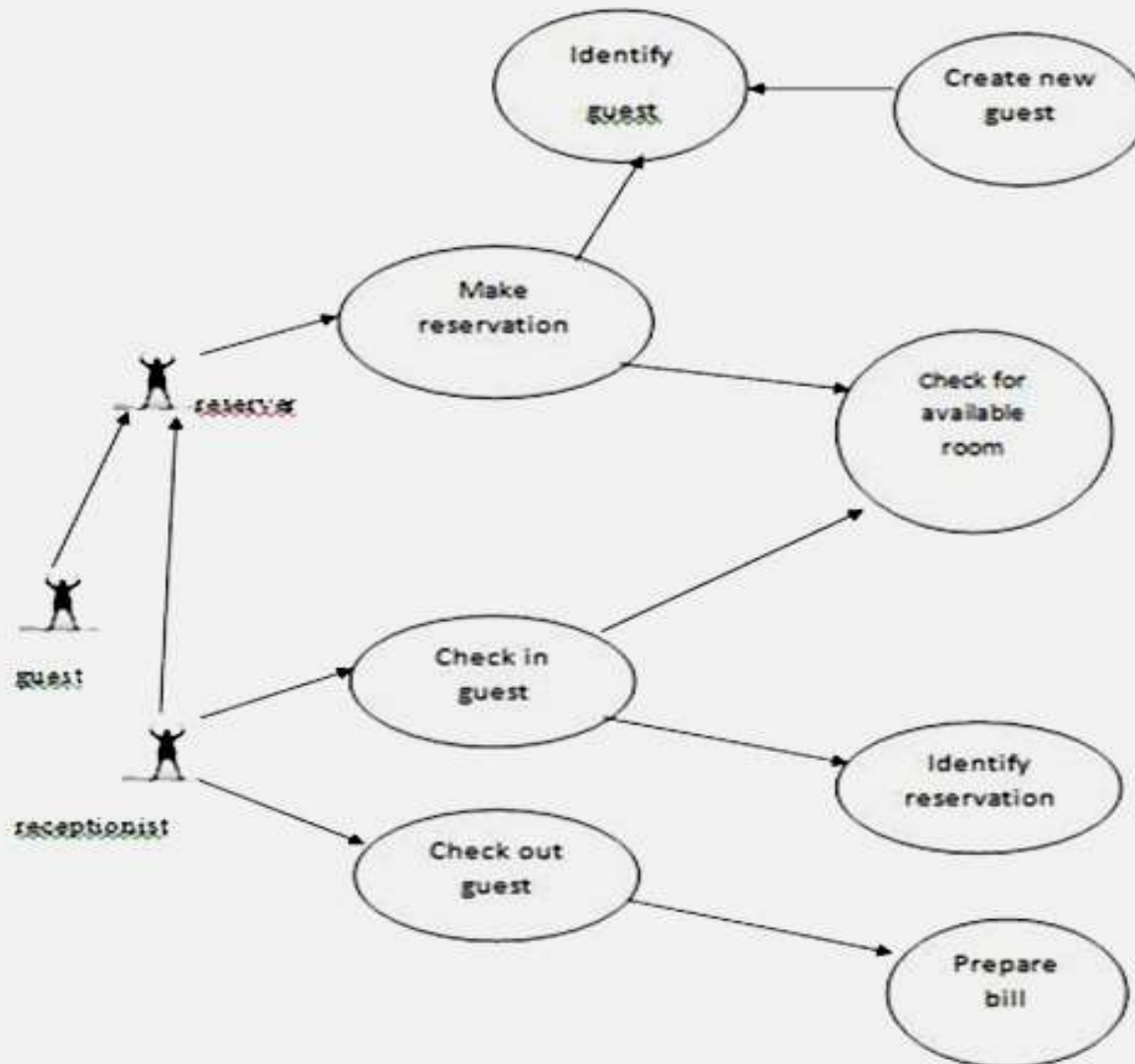
Monitor: Color monitor

# Using Software process Model(waterfall model)





# Data Flow Diagram(DFD)



# Database of hotel management

The screenshot displays the phpMyAdmin web interface in a browser window. The address bar shows 'localhost/phpmyadmin/'. The interface is for the 'hotelmanagement' database on a 'localhost' server. The 'Structure' tab is active, showing a table list with columns: Table, Action, Records<sup>1</sup>, Type, Collation, Size, and Overhead. The tables listed are: check\_in, check\_out, earn\_details, employ\_details, employ\_duty\_time, employ\_salary, expense\_details, online\_booking, and room\_details. A summary row at the bottom indicates '9 table(s)' with a total of '12' records. Below the table list, there are links for 'Print view' and 'Data Dictionary', and a section to 'Create new table on database hotelmanagement' with input fields for 'Name' and 'Number of fields'. A yellow warning box at the bottom states: 'May be approximate. See FAQ 3.11'. The Windows taskbar at the bottom shows the time as 12:41 PM on 1/28/2016.

Table	Action	Records <sup>1</sup>	Type	Collation	Size	Overhead
<input type="checkbox"/> check_in		2	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> check_out		2	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> earn_details		2	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> employ_details		2	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> employ_duty_time		2	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> employ_salary		0	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> expense_details		0	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> online_booking		0	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/> room_details		2	MyISAM	latin1_general_ci	2.1 KiB	-
9 table(s)	Sum	12	MyISAM	latin1_swedish_ci	10.2 KiB	0 B

[Check All / Uncheck All](#) With selected: ▼

[Print view](#) [Data Dictionary](#)


Create new table on database **hotelmanagement**

Name:  Number of fields:

<sup>1</sup> May be approximate. See [FAQ 3.11](#)


[Open new phpMyAdmin window](#)

# Home Page

Home	About Us	Contact Us												
<h2>HOTEL MANAGEMENT SYSTEM</h2> 														
<h3>VISITOR LOG-IN</h3> <table border="1"><tr><td>User Name</td><td><input type="text"/></td></tr><tr><td>Password</td><td><input type="password"/></td></tr><tr><td colspan="2"><input type="button" value="Login"/></td></tr></table>		User Name	<input type="text"/>	Password	<input type="password"/>	<input type="button" value="Login"/>		<h3>ADMIN LOG-IN</h3> <table border="1"><tr><td>Login Id</td><td><input type="text"/></td></tr><tr><td>Password</td><td><input type="password"/></td></tr><tr><td colspan="2"><input type="button" value="Login"/></td></tr></table>	Login Id	<input type="text"/>	Password	<input type="password"/>	<input type="button" value="Login"/>	
User Name	<input type="text"/>													
Password	<input type="password"/>													
<input type="button" value="Login"/>														
Login Id	<input type="text"/>													
Password	<input type="password"/>													
<input type="button" value="Login"/>														

# Online visitors


**Search Result**USD



**OFFER** **Standard (Single)** [View Room Facilities](#)

[View Nightly Price & Calendar Availability](#)


Max Occupancy	1 Adult per Room
Total Price / Room	<del>\$210.00</del> \$189.00
Select Number of Room	0



**OFFER** **Standard (Double)** [View Room Facilities](#)

[View Nightly Price & Calendar Availability](#)

Max Occupancy	2 Adult per Room
Total Price / Room	<del>\$390.00</del> \$351.00
<b>Not Available</b> ( <a href="#">Check Availability</a> )	



**OFFER** **Standard (Twin)** [View Room Facilities](#)

[View Nightly Price & Calendar Availability](#)

Max Occupancy	2 Adult per Room
Total Price / Room	<del>\$450.00</del> \$405.00
Select Number of Room	0

# Online visitors

English ▼

## Hotel Booking System

### Online Booking

Check-in Date:

Check-out Date:

Adult/Room:  ▼

Child / Room:  ▼

Currency:  ▼

**SUBMIT**



# Manager checking

Room\_details

*Room No:*

*Unit*

*Condition:*

*Price:*

*Class:*

*No of bed:*



## Check In

### Guest Information

Folio Number	<input type="text" value="09-00261"/>
RCard No	<input type="text"/>
Last Name	<input type="text" value="Ariston"/> >
First name	<input type="text" value="Tumlos"/>
Address	<input type="text"/>
Country	<input type="text" value="Abkhazia"/>
Company	<input type="text"/> >

### Identification Information

IDType	<input type="text" value="Driver License"/>
ID Number	<input type="text"/>

### Vehicle Information

Vehicle	<input type="text"/>
Vehicle Model	<input type="text"/>
Plate No	<input type="text"/>

### Rate Information

Room Number	<input type="text" value="204"/>
Date In	<input type="text" value="3/18/2016"/>
Date Out	<input type="text" value="3/24/2016"/>
Rate Type	<input type="text" value="Double"/>
No. of Days	<input type="text" value="6"/>
No. of Adults	<input type="text" value="2"/>
No. of Childrens	<input type="text" value="0"/>
Business Source	<input type="text" value="Walk-Ins"/>

Rate/Period

Total Charges

Other Charges

Sub Total

Discount  %

Total

Amount Paid

Balance

Notes:

Print

Change Room

Check Out

Update

Cancel

Reserved By:

Check In By:

Check In By:

## Check Out



## Check Out

Fill all fields or fields with "\*" then click "Save" button to update.

Room Number

Guest Name

Date In

Rate Type

No. of Days

No. of Adults

No. of Childrens

Date Out

Rate/Period

**Total Charges**

Other Charges

**Sub Total**

Discount  %

**Total**

Amount Paid

**Balance**

Check Out

Cancel



# Admin panel

HOTEL MANAGER EMPLOYEE DETAILS EMPLOYEE DUTY SCHEDULE EMPLOYEE SALARY SETTINGS

## Latest 10 Bookings

Show  entries Search:

Booking ID	Name	Check In	Check Out	Amount	Booking Date	
1367035419	Mr. BSI Tech Support	05/16/2016	05/22/2016	\$415.80	04/26/2016	<a href="#">View Details</a>
1367035359	Mr. BSI Tech Support	05/09/2016	05/15/2016	\$231.00	04/26/2016	<a href="#">View Details</a>
1366977270	Mr. BSI Tech Support	05/22/2016	05/29/2016	\$2227.50	04/26/2016	<a href="#">View Details</a>
1366977175	Mr. BSI Tech Support	07/09/2016	07/25/2016	\$2904.00	04/26/2016	<a href="#">View Details</a>
1366977093	Mr. BSI Tech Support	05/16/2016	05/23/2016	\$712.80	04/26/2016	<a href="#">View Details</a>

Showing 1 to 5 of 5 entries First Previous 1 Next Last

## Today Check-In List

Show  entries Search:

Booking ID	Name	Check In	Check Out	Amount	Booking Date	
------------	------	----------	-----------	--------	--------------	--

No data available in table

Showing 0 to 0 of 0 entries First Previous Next Last

## Today Check-Out List

Show  entries Search:

Booking ID	Name	Check In	Check Out	Amount	Booking Date	
------------	------	----------	-----------	--------	--------------	--

No data available in table

Showing 0 to 0 of 0 entries First Previous Next Last

# Employee details

Empolyee\_details

Name:

Fathers name:

Mothers name:

Employees id:

Permanent address:

Present address:


Phone no:

Date of birth:

Gender:  ▼

National id no:

E-mail:



Ok delete << previous Next>>

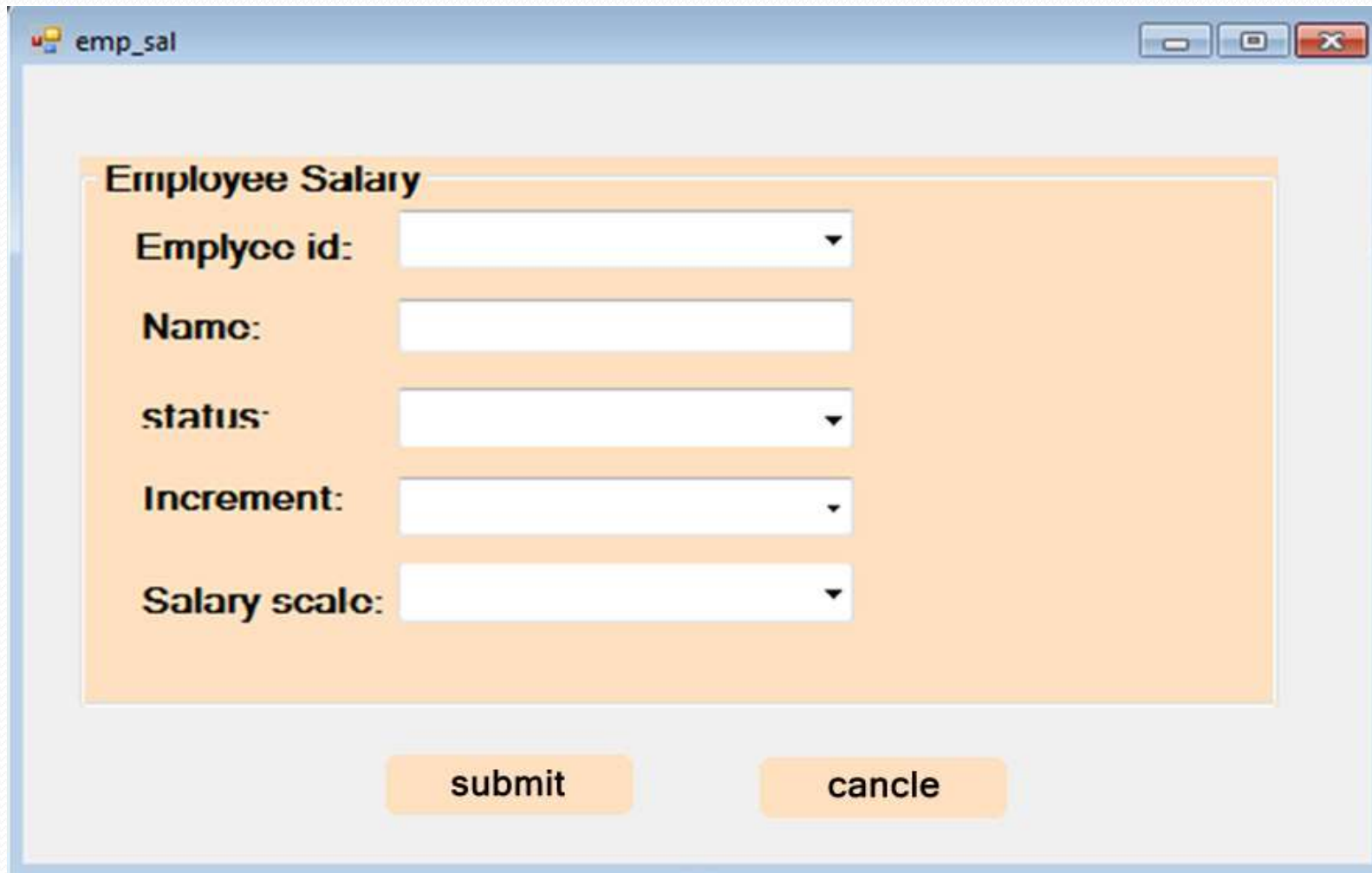
# Admin divide duty time and entry salary of employees

The image shows a software window titled "duty" with standard Windows-style window controls (minimize, maximize, close). Inside the window, there are two tabs: "Employee duty time" (which is active) and "schedule". The form within the "Employee duty time" tab contains the following fields and controls:

- Employee name:** A text input field.
- Employee id:** A text input field.
- Day:** A dropdown menu.
- Holiday:** A dropdown menu.
- Overtime:** A section with three checkboxes:
  - ☐ Morning
  - ☐ Noon
  - ☐ Night

At the bottom right of the form area, there are two buttons: "ok" and "cancle".

# Admin divide duty time and entry salary of employees



The image shows a web application window titled "emp\_sal". Inside the window, there is a form titled "Employee Salary". The form contains five input fields, each with a label to its left:

- Emplycc id:** A dropdown menu.
- Name:** A text input field.
- status:** A dropdown menu.
- Increment:** A dropdown menu.
- Salary scale:** A dropdown menu.

At the bottom of the form, there are two buttons: "submit" and "cancle".

## Admin can find out daily earn

The screenshot shows a web application window titled "Earn\_Details". The window has a light blue background and a dark blue header bar with the title and standard window controls (minimize, maximize, close). The main content area contains five input fields arranged vertically, each with a label to its left:


- Serial No**: A text input field.
- Type**: A text input field.
- Price**: A text input field.
- Date**: A date picker showing "Monday . October 31, 2011" with a dropdown arrow.
- Daily Income**: A text input field.

At the bottom of the window, there are three buttons:


- <<previous**: A button with a double left arrow and the text "previous".
- save**: A button with the text "save".
- Next>>**: A button with the text "Next" and a double right arrow.

## Admin can find out daily expense

**Expense details**



*Serial no.:*

*Date:*  

*Type:*

*Taka:*

*Daily expense:*

# Future work

- Laundry system,
- Car facilities
- Restaurant system,
- Tourist package and guide system,
- Meeting and conference facility.







**Thank you**