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Abstract

This is the project on "**Hotel Management System**" **.** We tried to show how the Data/Information In the hotels is managed. This is just an overview of management in hotels.This has been achived by dividing the project into various modules. Customer is provided with different Servlices like **Check-in ,Check-out,** and also they can Made payments using advanced payment methods.
In this We also included the **Food Menu** of the Hotel if they want food to order they can simply **Contact** to the Employees/Management of the Hotel.
In this we also can generate a report on **Check-in ,Check-out ,Feedback,Payments** also all these will be managed by the admin from the **Admin Panel** Dashboard.

Introduction

Our Project on "**HOTEL MANAGEMENT SYSTEM"** gives idea about the management in hotels.The package gives all the information regarding the Check-in,Check-out facilities of the customer.The customer can make his/her booking for Rooms and Food(Via Calling)
It also gives a detailed report of the customer and the room occupied by him/her. This Project is very useful to the department for managing their activities.

Although ,hotels are already having well-developed software for information management ,I just want to Study how this is done. So, We selectes Hotel Management system as my project .
In most of hotels the back-end used onlyMS-ACCESS.I have included SQL as well in my projects .Since it is pure relational database.

Developing a Software on a topic like "**Hotel Management System"** has much scope.It can be made more attractive and amnay more modules can be attached to provide various services to customers . My project provides various services to thecustomers like booking(Advance/Current).

Where Admin can manage all the activities regarding the Customers.

System Analysis

Current System:

The existing system in various hotels includes either manual work or some software that does not fulfill all the requirements. The manual work that much not effective because if we forget to write the records it will leads to Mis-information .

Disadvantages of System:

- ✓ The word 'manual' itself makes the existing system outdates in todays's high tech world.
- ✓ Processing of applications manually takes a lot of time.
- ✓ A lot of time is wasted in summing up records & repairing day wise reports of activities happened on server.
- ✓ More stay is required to maintain the records.

All the above points define the disadvantages of conventional methods & suggest developing the new system.

Proposed Solution On System:

To remove all the disadvantages of conventional methods a system is proposed which is an automation of Hotel Management System.

Hotel Management System is a project to maintain the record of Hotel Managenent System activities.
There are various type of activities in the Hotel Management System, Those are managed by Admin.

There are two types :

1.User
2. Admin

User did not need to login they can just do their activities by visiting the Site.
The admin is the on how have a particular Credentials to login and the admin can manage the reports and he can also add employee .

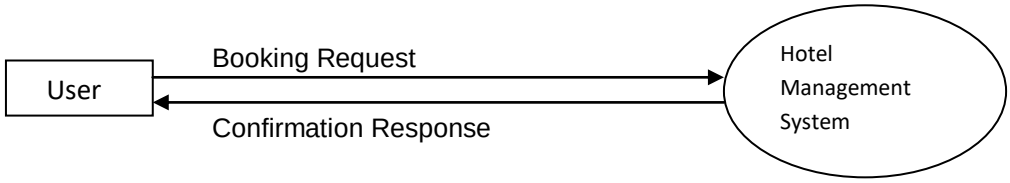
Advantages of Proposed :

- ➢ Huge reduction in the number of pages being used for the data storage.
- ➢ Backup facility provided in case of data loss.
- ➢ Reductionn in cycle time till the updates dat will be available.
- ➢ Sppedy retrival of data.
- ➢ Compatible with the advance versions for future perspective.
- ➢ Cost Benefit.

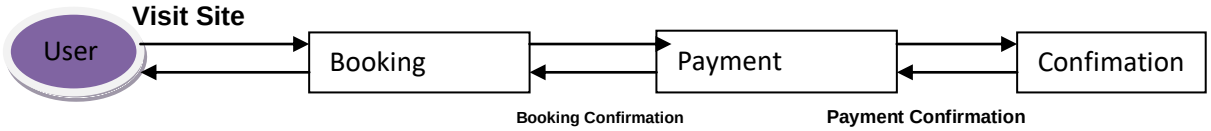
System Design

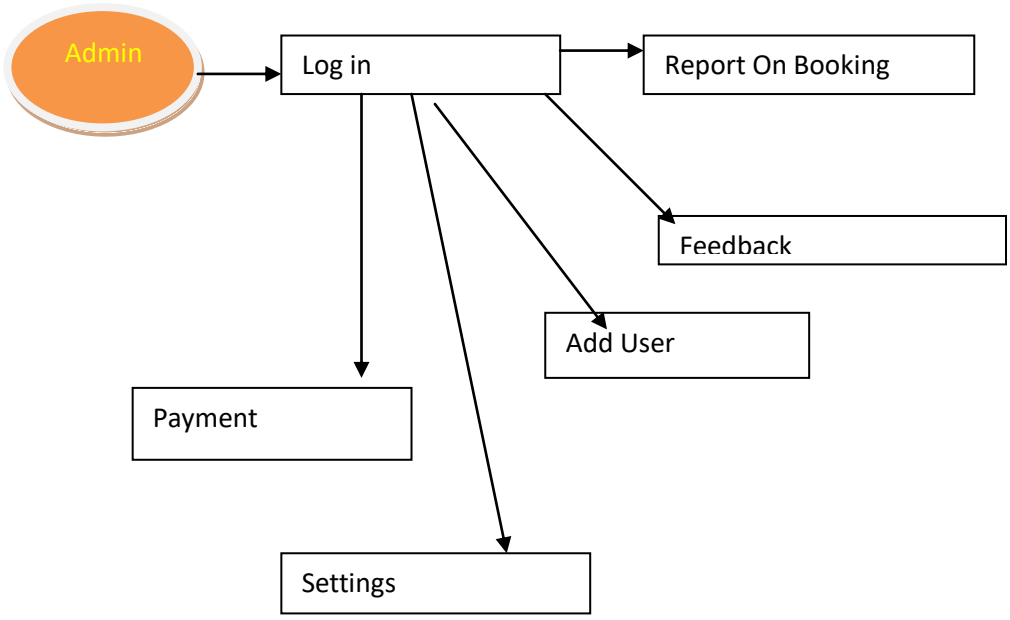
Data Flow Diagram:

- Context Diagram:

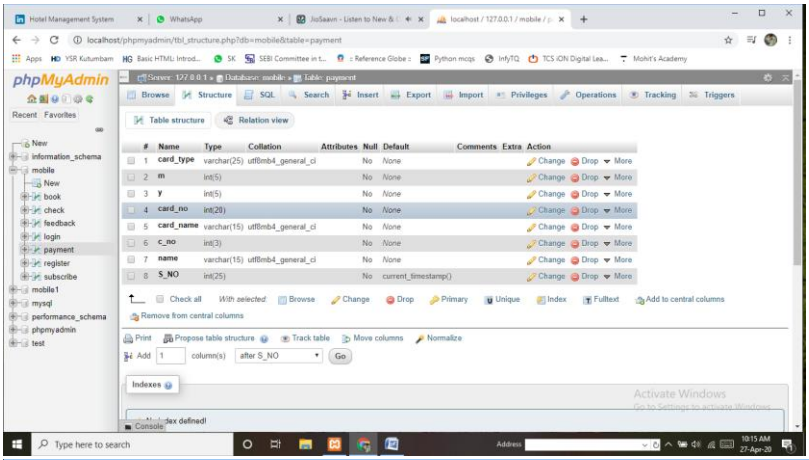


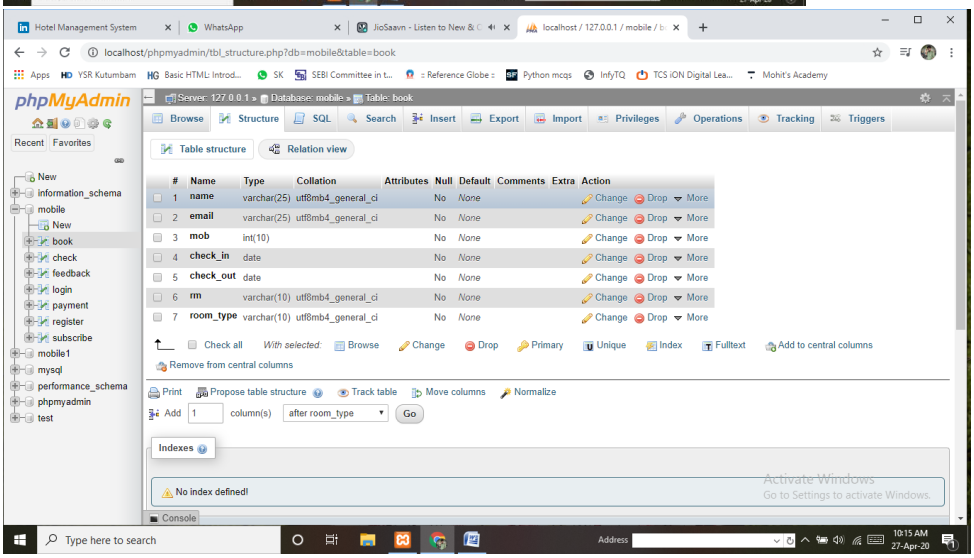
Top Level Diagram:



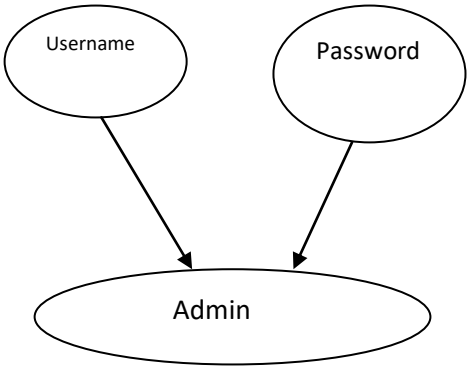


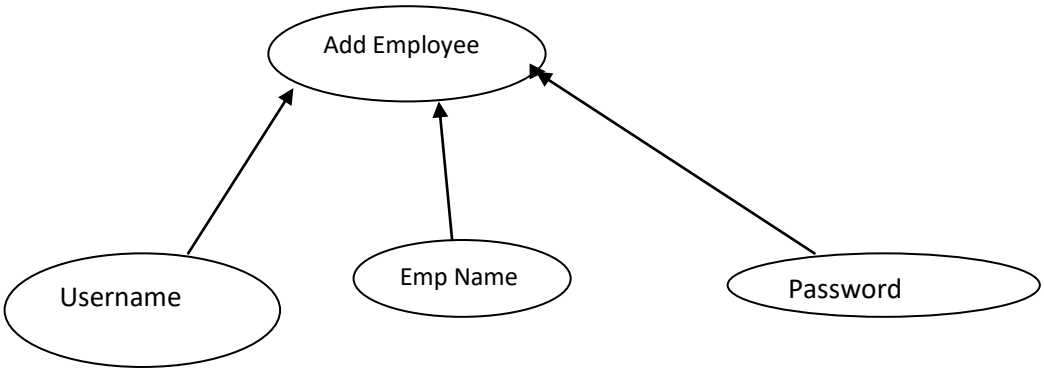
Database Tables:

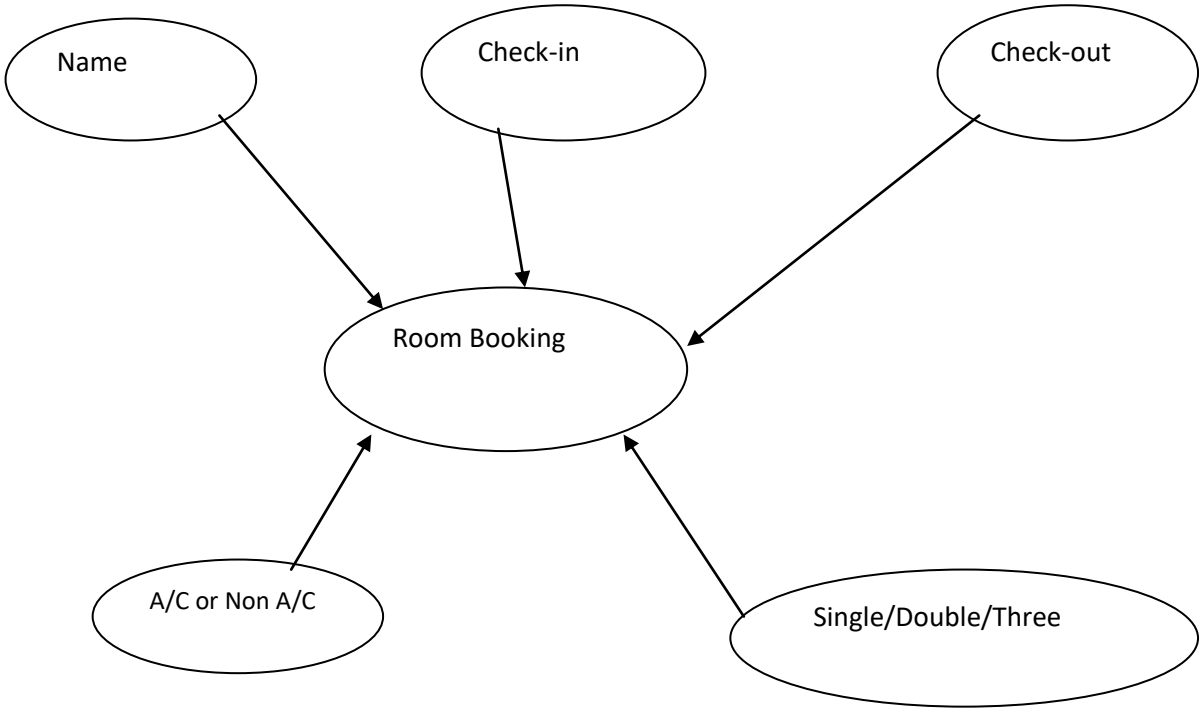




E-R Diagrams:




Add Employee
Username
Emp Name
Password


Name
Check-in
Check-out
Room Booking
A/C or Non A/C
Single/Double/Three

Tools Used

Front-End	:	HTML,CSS,Bootstrap,Javascript
Back-End	:	SQL,PHP
Server Used to run the Web application	:	Xampp Server

Designed and Developed by

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