

Hospitality Services Management System

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Abstract: The system aims at the maintenance and management of the Rasika Hotel that are available in the Kolhapur. It mainly takes care of the Hotel management at the core area of the database. The system provides the information regarding the different Hotels that are available and their status specific to availability. The guests can visit the site and register themselves with the required information that is expected by the system. Each registered guest can raise a request for the unit bookings. The Guests are scheduled with the information of the availability of the units for they have requested the time. The total front end was dominated using Python standards applied with the dynamism of python server pages. At all proper levels high care was taken to check that the system manages the date consistency with proper business validations. The database connectivity was planned using the python Data Base Connectivity, the authorization and authorization was cross checked at all stages. The user level accessibility has been restricted into two zones the administrative and the normal user zone.

Key Word: Room Services, Food Ordering, Bar - Restro Management.

I.INTRODUCTION

Everyone needs the perfect hotels to stay when people tired because of travels. And our main motive is to served best quality of food and refreshment plan. All the above activity takes place manually, manually carrying out this activity in very tedious time consuming. As we have tried to develop computerized application so as to handle all the activity that takes place in Hotel. As all the activities that happen in the Hotel such as enquiry, check status booking, food order etc. can be handled on this system simultaneously

II.MATERIAL AND METHODS

Software Requirements

Operating System:- Windows XP, Windows 7, 8,

8.1, 10,11, Linux

Language:- Python

Database:- MySQL server

Hardware Requirements

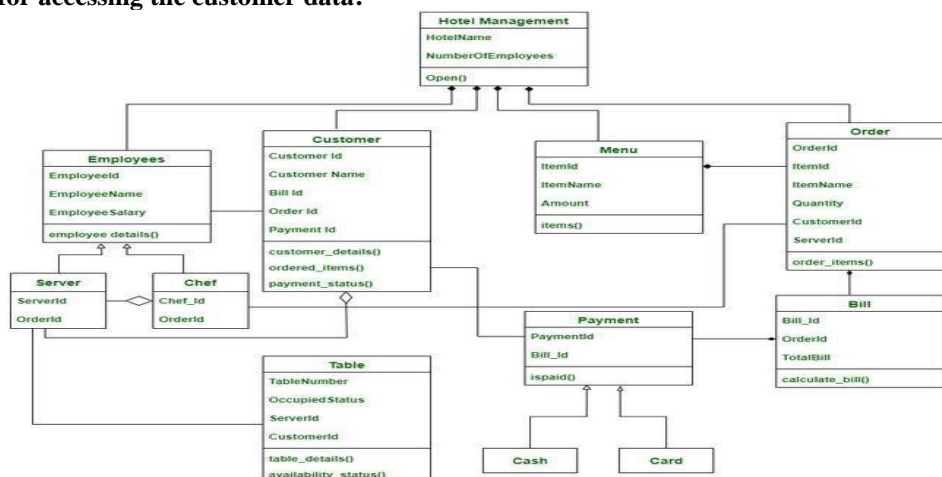
Any Processor

Processor Speed :-1 GHz to 2 GHz

RAM:-256 MB and above

Hard Disk:- 2TB and above

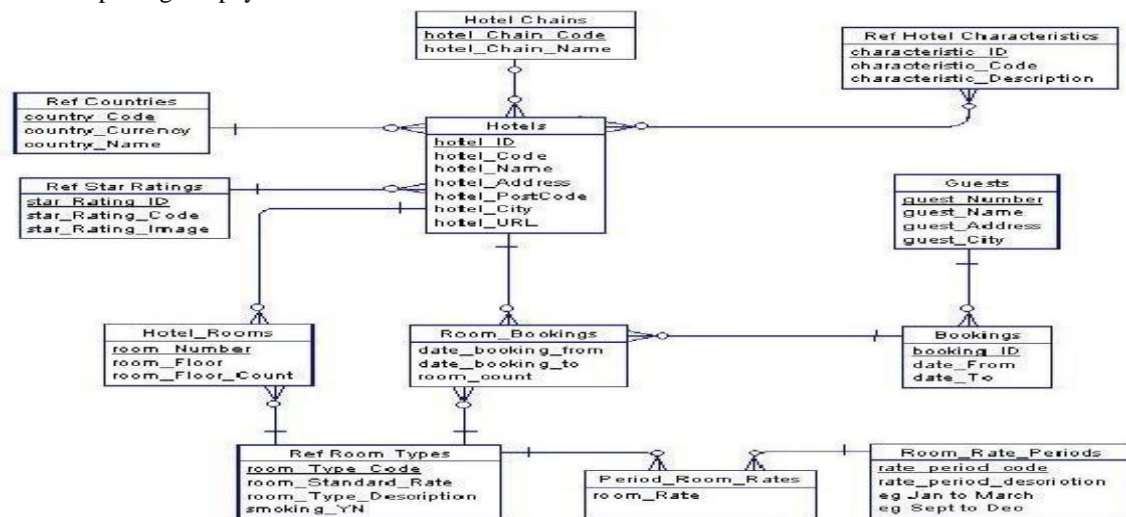
1. User Interface for accessing the customer data:



Hotel management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the power of either approving or disapproving the customer's booking request.

Here, we have two users, who will be interacting with the system. With the help of these diagrams, one can get a better understanding of the project. This web application is developed to provide users with an online medium where they can see different hotels and make bookings. Admin is who will manage the overall application; whereas the user can book hotels.

The diagram below shows the structural relations between components in a Hotel Management System. The connected components by lines represent relationships within the systems. In the diagram, it can be seen that there are components namely hotel, booking, customer, and account. It shows how the component connects to the other components while using the system. Everything from the account details to hotel booking to payment flow can be seen in the component diagram. Once the user logs in to the system, the user can view a list of hotels, select the desired hotel and place a booking following the payment process. While placing the booking, the user's account details get accessed and the booking is confirmed after completing the payment.



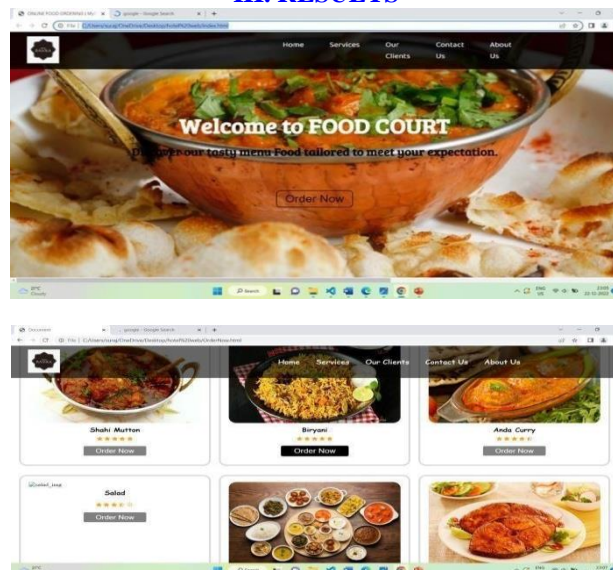
Scope of Future Application

This project can be used in the hotel after adding some more useful modules in the project for which hotel are providing services. Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized hotel system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

Result

The first step of this research is completed by studying a lot of information regarding number of travelers, hotel booking and order the how much and how can handle the individual order and how will bill generated. Our second motive was make a webpage online for food ordering and result is as follow:- From the website customers can ordered their food at their places including theirs demand. Customers can show how much time (cooking time) to for delivering the order at their places

III. RESULTS



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