

IDE: Visual Studio Code

Reason of Use: Visual Studio code provides with very useful tools to build software; it even offers many different extensions to make the code more legible for the reader & it provides feature of auto indentation which increases the overall quality of code.

Database: Oracle 10g Express Edition

Reason of Use: Very simple to use database management system, can be scaled in future according to requirements, has very good supporting API's for JAVA language, Lightweight on Server.

IV. Project Description

The data of the internal and external aspects (strategic information) of many Hotels were obtained from the formulation of the questions list and from the interview. The results were then analyzed by us. The questionnaire was distributed to 8 respondents that responsible in hotel managerial. They are the General Manager, Head of the Department of Human Resources, Accounting, Housekeeping, Sales & Marketing, Front Office, Food & Beverage and Engineering. From the questionnaires, we can know the average existing condition from respondents of the hotel and the average urgency handling also from the respondents.

From the research, it is concluded that Hotels which were interviewed needs to have facility to upscale their booking methodologies. So, the hotel needs to implement diversification strategic. It is a strategic for collecting all internal powers and avoiding all company external threats in order to get all the long-term opportunity. This research also produces a strategic alternative for many hotels.

Literature Survey details:

The customer has to visit hotel and has to book table in hotel. As the booking has to be done by being physically present in the location it might potentially consume lot of customers precious time as sometime it might take very long duration. Finally once table has been booked customer has to arrive again at hotel 2nd time to have dinner, totally customer has to commute 2 times at same location to have peacefully breakfast, lunch or dinner.

The idea is to automate the entire booking process from physical medium to electronic medium in order to increase efficiency and reduce the response time.

To provide simple speedy and inexpensive of customer disputes. Customer can order different types of starters on their specific arrival time, so that they can be served easily.

Bookings will be processed by the admin that can be viewed by the customer. Customer can know the currently processing status of their table booking.

A Hotel Management system is tool which is used to increase performance of administrator, this software helps to handle the table bookings of customer, it provides fewer efforts in manual work. This is effective tool to resolve minimize the number of customers arriving at hotel just to book table.

REFERENCES:

1. Java Swings: <https://docs.oracle.com/javase/tutorial/uiswing/>
2. Java Swings (practical usage): <https://www.javatpoint.com/java-swing>
3. JAVA ODBC-JDBC Bridge:
<https://docs.oracle.com/javase/tutorial/jdbc/basics/index.html>
4. Java ODBC-JDBC(Practical Usage):
<https://www.geeksforgeeks.org/introduction-to-jdbc/>
5. Courtesy <https://www.tutorialspoint.com/> for providing knowledge about ways to do documentation for project.
6. Courtesy <https://www.octalsoftware.com/> for providing useful insights into current scenario of reservation system of hotel.



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BCA DEPARTMENT

2021-22

CERTIFICATE

This is to certify that the project entitled **Hotel Reservation System** is a bonafied work carried out by the student team Mr. Anirudh U Parvatikar, Reg No 219127, Mr Vineeth S Kemptur , Reg No 219172, in partial fulfillment of the award of degree of Bachelor of Computer Application during the year 2021 – 2022. The project report has been approved as it satisfies the academic requirement with respect to the project work prescribed for the award of BCA Degree.

Prof. Tejaswini Apte
Guide

Prof. Sunil Vernekar
Principal

External Examination:

Name of the Examiners

Signature with date

1.

2.