

HOTEL BUDDY

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0. Acknowledgment

Firstly , this Project would not be possible without our theory teacher Sir Basit and our lab instructor Sir Kariz so we are especially thankful to them for such wonderful way of teaching and enabling us to improve our programming concepts. Also ,some error resolving help was taken from the internet occasionally

1. Introduction

This project is intended to permit the client to book a hotel fitting his/her requirements (area ,pricing, no of rooms required , time allotment, dates)

The designed console application has three users , a customer ,an admin and a hotel representative.

The customer can go through a variety of hotels and compare prices , location , services offered and can determine the most feasible one, and book the one that best suits their needs. The customer can also rate the hotel they booked.

The admin can manage all the hotels and customer records and monitor all the ratings. The admin makes 5 percent commission of total bill from a hotel on a booking.

The hotel representative can update their rates , the services they provide and the availability of the rooms and date slots. The hotel representatives can offer discounts to their customers by providing promo codes and they can view their average ratings given by the customer.

2. Tools and technologies used

The language used is C and for IDE Dev C++ is primarily used. Filing was used in order to store the data.

3. Programming Concepts Used

Filing , loops , functions , structures , pointers , decisions(case / if statements)

4. Link to source

<https://drive.google.com/drive/u/7/folders/19T8wAnncc8F-jwfABl2JbAyRkCZ3kkWJ>

5. Future work

A booking cancellation feature for occasions like when a customer has made an advanced booking but due to some circumstances they changed their mind , they will be able to cancel their booking.

A multi booking system that lets the customers book different rooms on separate days in single attempt so that they can save efforts and time needed for double booking.