

PROJECT REPORT
ON
HOTEL MANAGEMENT

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INTRODUCTION

A computer-Hotel management system is designed to handle customer details. It helps to save large amount of data quickly and securely. Customers can easily book rooms. The admin can add rooms, delete rooms, view customer details and their feedback.

OBJECTIVE

The main objective of our project is providing the different types of Facilities to Hotel Manager and the customers.

- *Customers could book rooms.*
- *Work should be done more efficiently.*
- *It should utilize working hours.*
- *To use less manpower and more machine work.*

FEASIBILITY ANALYSIS

• TECHNICAL FEASIBILITY

The proposed system is technically feasible as it can be developed easily with the help of available technology.

• OPERATIONAL FEASIBILITY

Automation makes our life easy. The proposed system is highly user friendly and much easily able interact with the system.

SYSTEM REQUIREMENT

- **SOFTWARE DETAILS**

Front End- Java (jdk1.4.1) and above, JAVA ECLIPSE(MARS)

OS-Windows

Back End(Database)- My Sql 5.5

- **HARDWARE DETAILS**

Processor 1.0GHZ

Hard Disk 40GB

RAM 512MB

Floppy Disk Drive 1.44MB

MODULAR DESCRIPTION

Module-1: LOGIN

This program has two login pages one is for admin and other for the user. The admin has to enter username and password to login. The user can either login entering username and password or register his/her details to get an account.

Module-2: REGISTRATION

In this module the user can enter details and register to get new account.

Module-3: FOOD BILLING

This is a simple billing system for food which the some inputs from user , displays the total cost of the meal and generates a bill.

Module-4: CUSTOMER DETAILS

This module is for admin. The admin can access all user details in a tabular format.

Module-5: ROOMBOOKING

In this module the user can book rooms in our hotel. The user needs to put details like check in date, checkout date , etc. And he gets an estimate of the cost.

Module-6: PAYMENT PORTAL

After room booking the user is redirected to payment portal. The use can either pay by cash or online. For paying online the user needs to enter card details and if the payment is successful the user gets an confirmation email on the registered email.

Module-7: FEEDBACK

The customer can give feedback based on his/her experience.

The admin can view customer feedbacks.

Module-8: FORGOT USERNAME

The user can get back username if he/she forgets one but remembers password through registered email.

Module-9: FORGOT PASSWORD

The user can get back password if he/she forgets one but remembers username through registered email.

Module-10: HELP

The user has been given contact details of the hotel for any assistance.

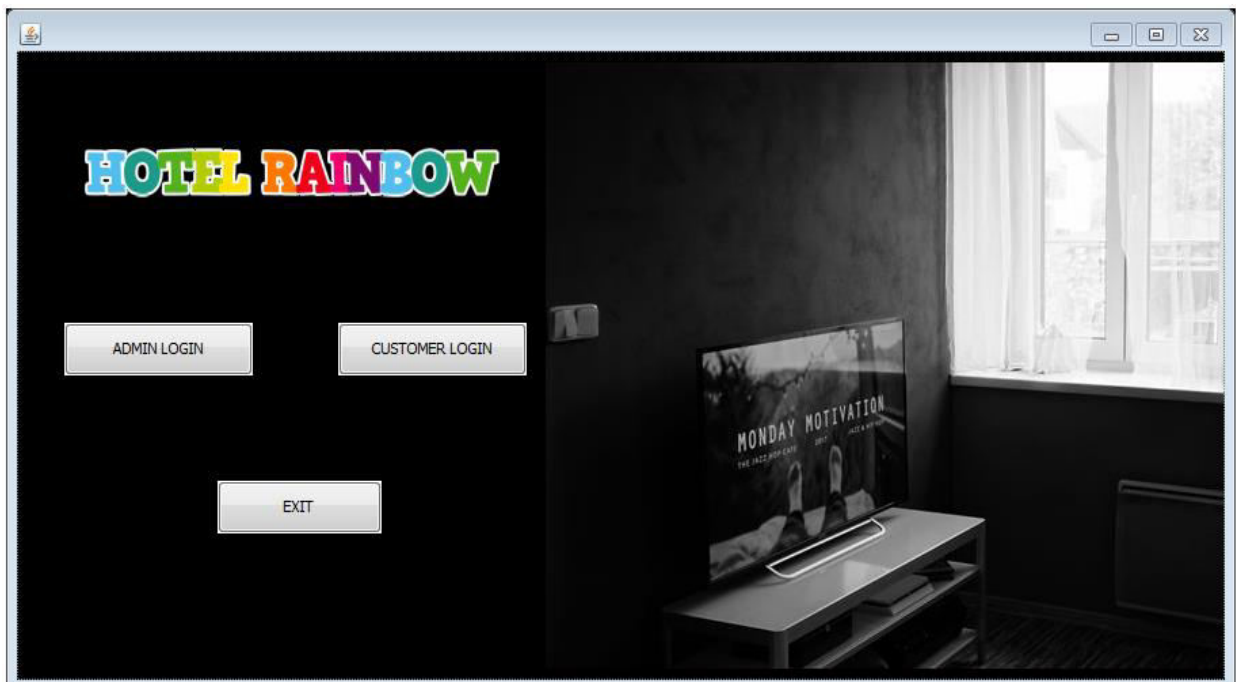
Module-11: ADD AND DELETE ROOMS

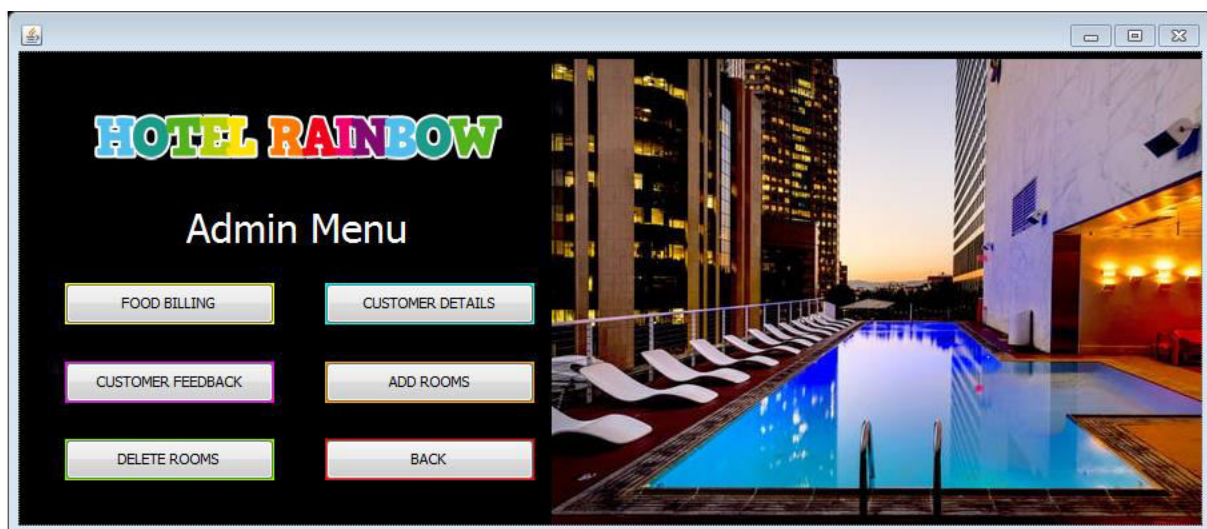
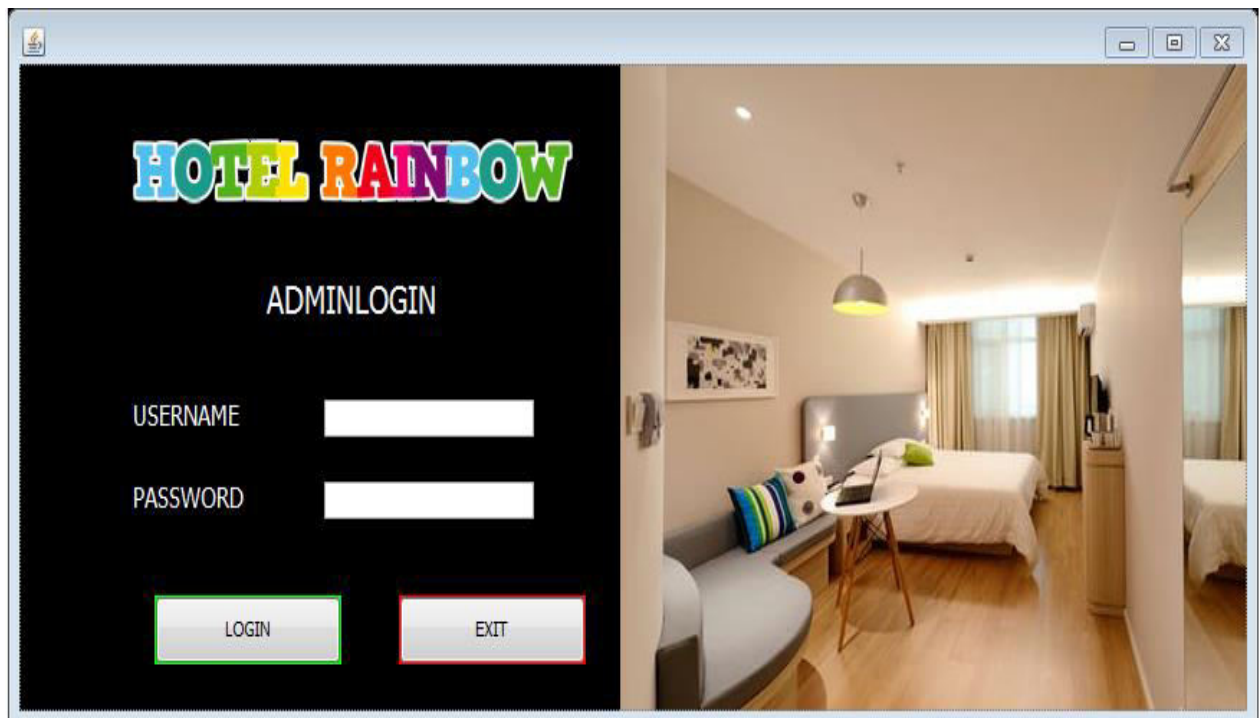
The administrator can add and delete rooms from the rooms database.

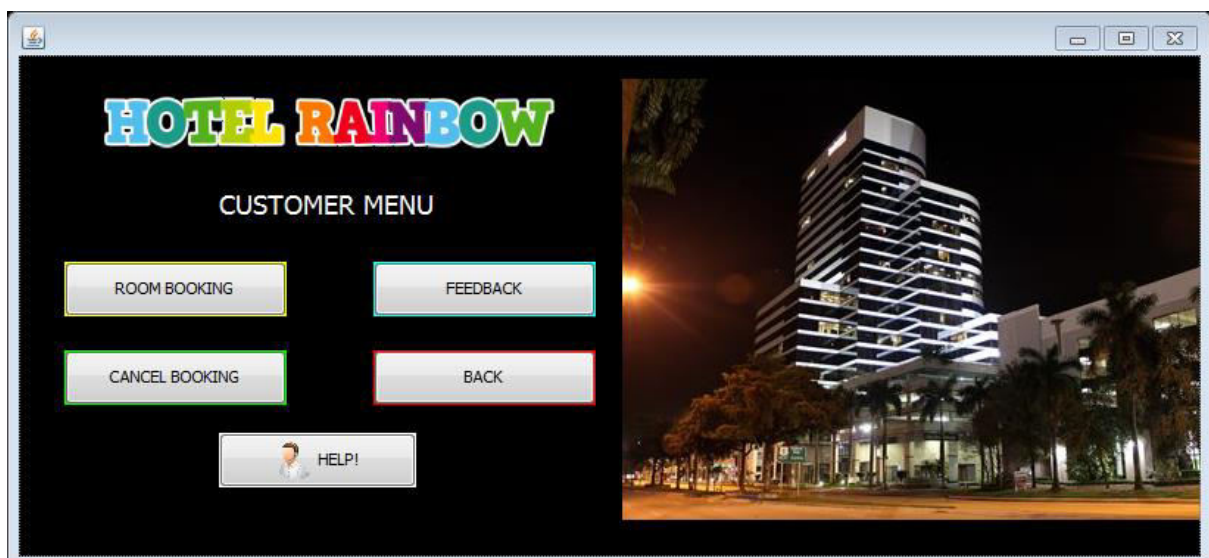
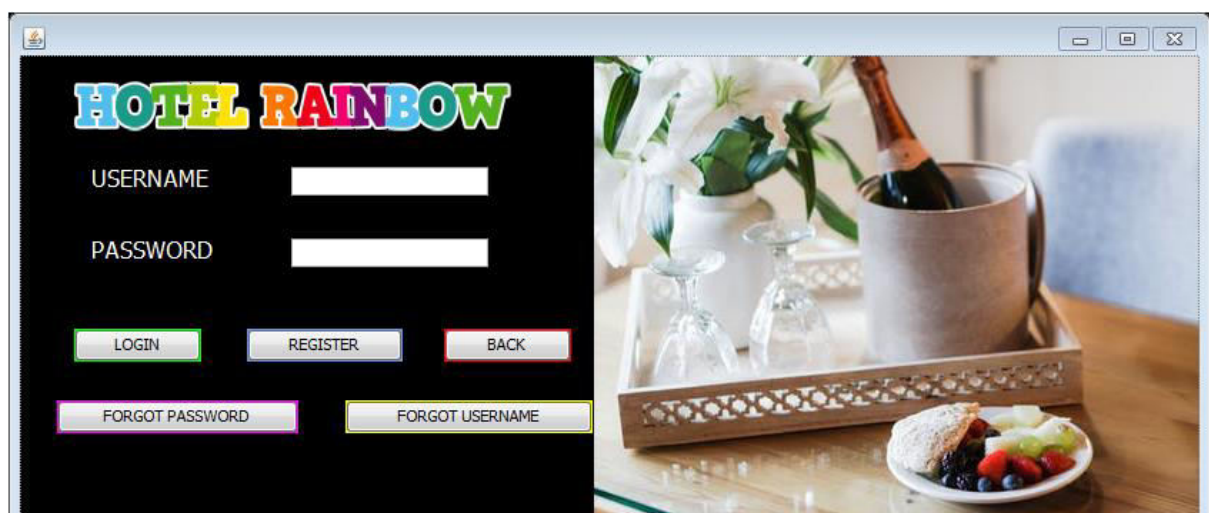
Module-10: CANCEL BOOKING


The user can cancel booking if he/she wishes to.

SCREENSHOTS:










REGISTRATION FORM

NAME*

GENDER* ☐ MALE ☐ FEMALE

DOB* 

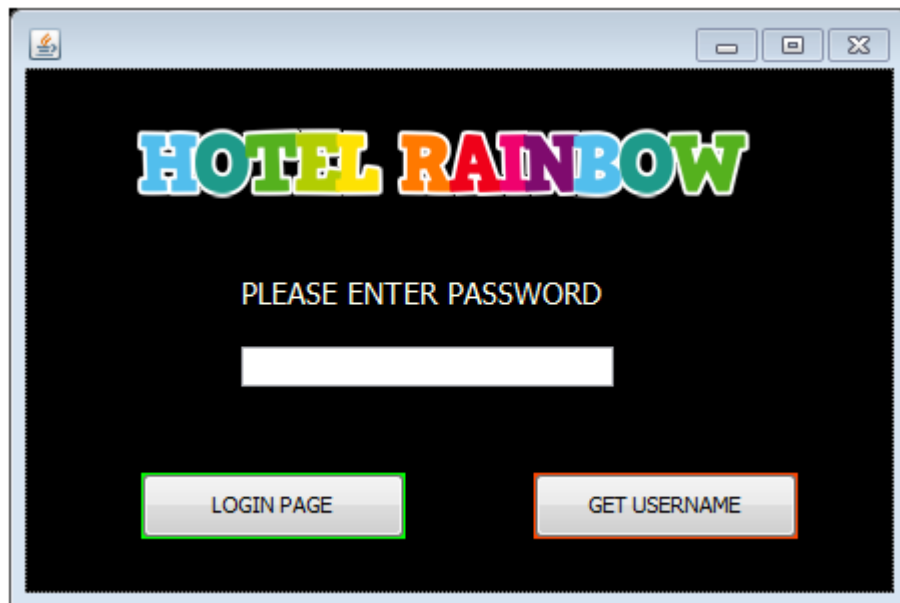
MOBILE NO*

EMAIL*

USERNAME*

PASSWORD*

CONFIRM PASSWORD*



A screenshot of a software window titled "HOTEL RAINBOW" with a black background. The window has standard Windows-style controls (minimize, maximize, close) in the top right corner. The title "HOTEL RAINBOW" is displayed in large, colorful, stylized letters at the top. Below the title, the text "DELETE ROOM" is centered in white. There are two input fields: "ENTER ROOM NO" and "ENTER ROOM TYPE", each followed by a white rectangular text box. At the bottom, there are two buttons: "DELETE" (highlighted with a green border) and "BACK" (highlighted with a red border).

HOTEL RAINBOW

DELETE ROOM

ENTER ROOM NO

ENTER ROOM TYPE

DELETE BACK

A screenshot of a software window titled "HOTEL RAINBOW" with a black background. The window has standard Windows-style controls (minimize, maximize, close) in the top right corner. The title "HOTEL RAINBOW" is displayed in large, colorful, stylized letters at the top. Below the title, the text "ADD ROOMS" is centered in white. There are three input fields: "Room No", "Room Type", and "Room cost", each followed by a white rectangular text box. At the bottom, there are two buttons: "Add Room" (highlighted with a yellow border) and "Back" (highlighted with a red border).

HOTEL RAINBOW

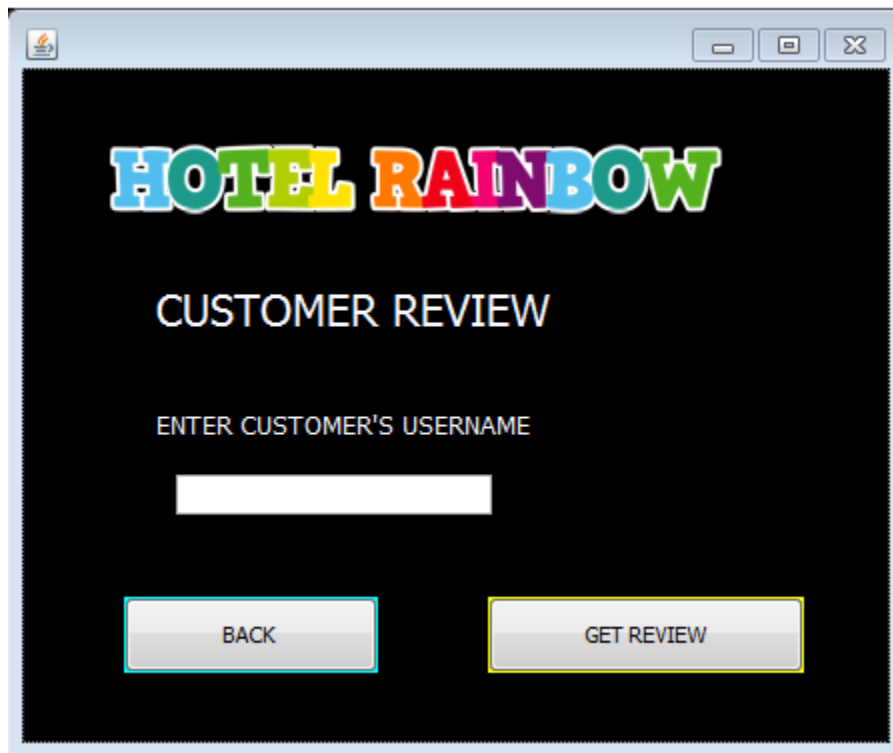
ADD ROOMS

Room No

Room Type

Room cost

Add Room Back



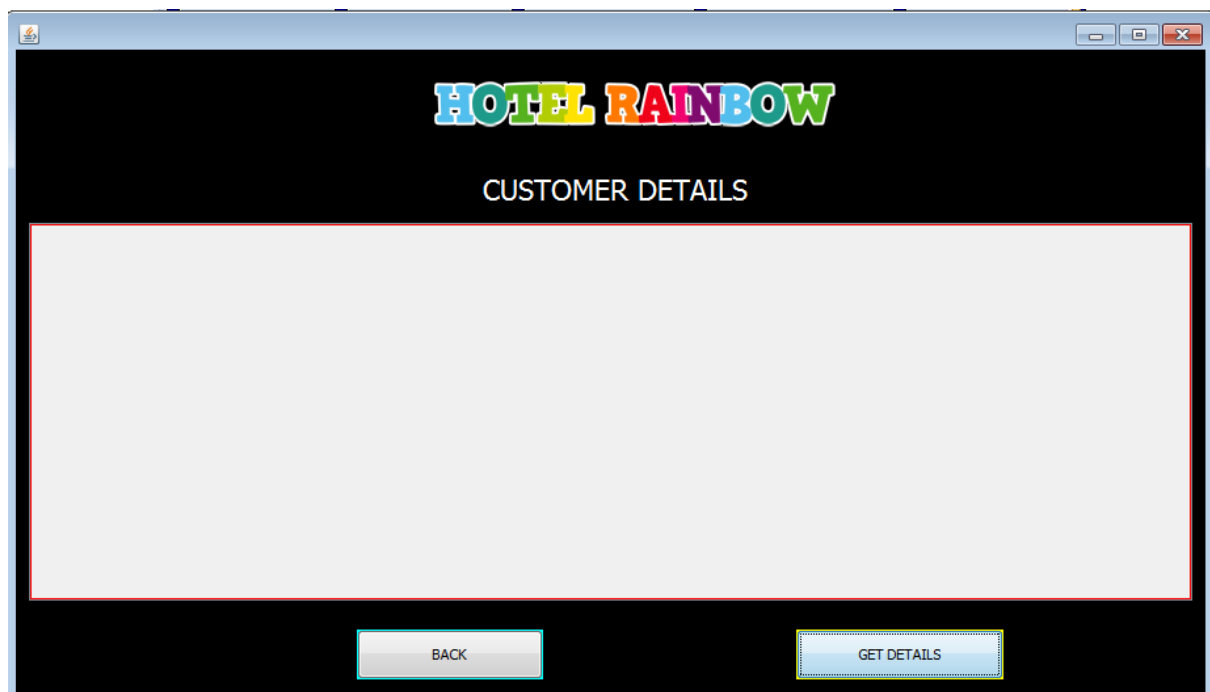
A screenshot of a web application window titled "HOTEL RAINBOW" with a black background. The window has standard OS controls (minimize, maximize, close) in the top right corner. The main heading "HOTEL RAINBOW" is in a colorful, bubbly font. Below it, the text "CUSTOMER REVIEW" is displayed in white. A prompt "ENTER CUSTOMER'S USERNAME" is followed by a white text input field. At the bottom, there are two buttons: "BACK" with a blue border and "GET REVIEW" with a yellow border.

HOTEL RAINBOW

CUSTOMER REVIEW

ENTER CUSTOMER'S USERNAME

BACK GET REVIEW



A screenshot of a web application window titled "HOTEL RAINBOW" with a black background. The window has standard OS controls (minimize, maximize, close) in the top right corner. The main heading "HOTEL RAINBOW" is in a colorful, bubbly font. Below it, the text "CUSTOMER DETAILS" is displayed in white. A large, empty white rectangular area is intended for customer details. At the bottom, there are two buttons: "BACK" with a blue border and "GET DETAILS" with a yellow border.

HOTEL RAINBOW

CUSTOMER DETAILS

BACK GET DETAILS

HOTEL RAINBOW

FOOD BILLING SYSTEM

VEG MEAL

CHIKEN MEAL

FISH MEAL

DRINKS

NO

SELECT A DRINK

☐ TAX

☐ DELIVERY

COST OF DRINKS

COST OF MEAL

COST OF DELIVERY

TAX

SUBTOTAL


TOTAL

TOTAL

RESET

EXIT

receipt



FEEDBACK

USERNAME:

REVIEW:


WOULD YOU LIKE TO VISIT OUR HOTEL AGAIN?

☐ YES ☐ NO

RATING ☐ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1

BACK

SUBMIT



ROOM BOOKING

USERNAME

CHECK IN

CHECK OUT

ENTER ROOM NO

ROOM TYPE

☐ BREKFAST

☐ DINNER

☐ LUNCH

ROOM CHARGES

FOOD CHARGES

SERVICE CHARGE

GST

TOTAL CHARGE

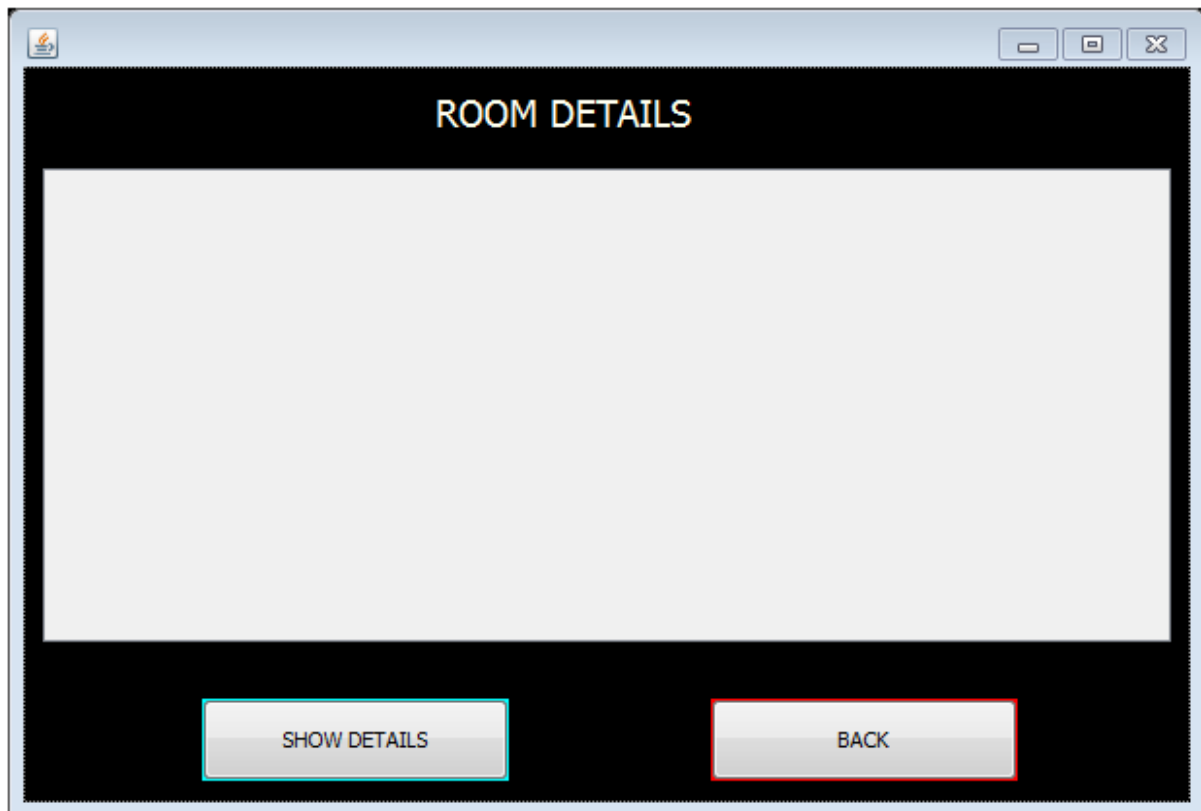
CONFIRM BOOKING

SHOW ROOMS

TOTAL

RESET

BACK

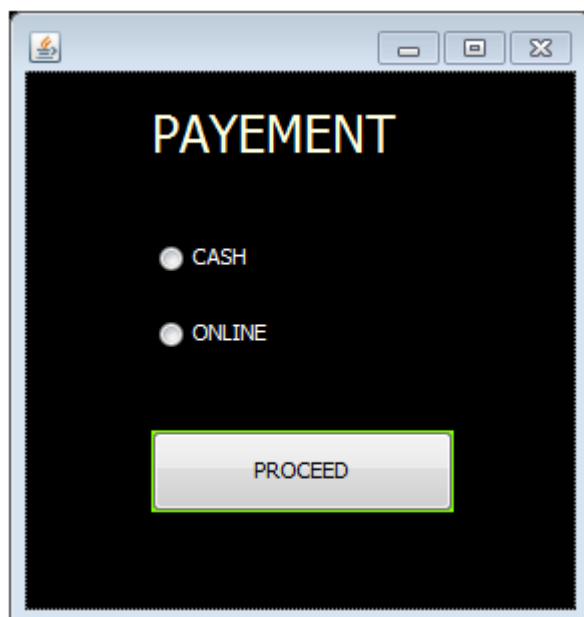


A screenshot of a software window titled "ROOM DETAILS". The window has a light blue title bar with standard minimize, maximize, and close buttons. The main content area has a black background with the title "ROOM DETAILS" in yellow text at the top. Below the title is a large, empty white rectangular box. At the bottom of the window, there are two buttons: "SHOW DETAILS" on the left and "BACK" on the right, both with a light gray gradient and a thin border.

ROOM DETAILS

SHOW DETAILS

BACK




A screenshot of a software window titled "PAYEMENT". The window has a light blue title bar with standard minimize, maximize, and close buttons. The main content area has a black background with the title "PAYEMENT" in yellow text at the top. Below the title are two radio button options: "CASH" and "ONLINE", both with a small white circle to their left. At the bottom of the window, there is a single button labeled "PROCEED" with a light gray gradient and a thin border.

PAYEMENT

☐ CASH

☐ ONLINE

PROCEED



HOTEL RAINBOW

ONLINE PAYMENT

USERNAME:

☐ CREDIT CARD

☐ DEBIT CARD

SELECT BANK ▼

CARD HOLDER NAME :

CARD NO :

EXPIRY :

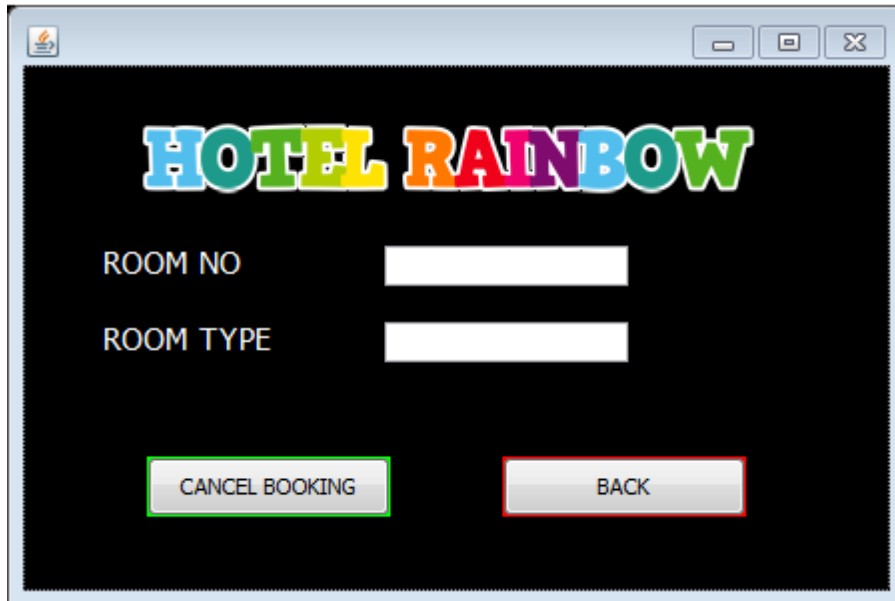
MONTH :

YEAR :

CW :

BACK

MAKE PAYMENT



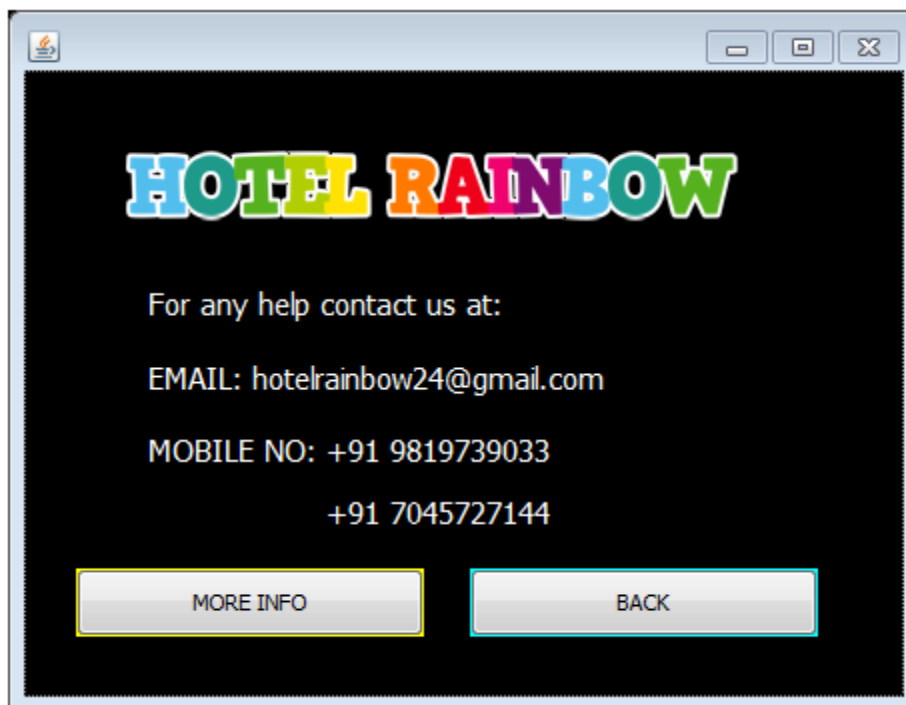
A screenshot of a software window titled "HOTEL RAINBOW". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area has a black background. At the top, the text "HOTEL RAINBOW" is displayed in a large, colorful, stylized font. Below this, there are two labels: "ROOM NO" and "ROOM TYPE", each followed by a white rectangular input field. At the bottom of the window, there are two buttons: "CANCEL BOOKING" (with a green border) and "BACK" (with a red border).

HOTEL RAINBOW

ROOM NO

ROOM TYPE

CANCEL BOOKING BACK



A screenshot of a software window titled "HOTEL RAINBOW". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area has a black background. At the top, the text "HOTEL RAINBOW" is displayed in a large, colorful, stylized font. Below this, the text "For any help contact us at:" is shown. This is followed by two lines of contact information: "EMAIL: hotelrainbow24@gmail.com" and "MOBILE NO: +91 9819739033" followed by "+91 7045727144" on the next line. At the bottom of the window, there are two buttons: "MORE INFO" (with a yellow border) and "BACK" (with a cyan border).

HOTEL RAINBOW

For any help contact us at:

EMAIL: hotelrainbow24@gmail.com

MOBILE NO: +91 9819739033
+91 7045727144

MORE INFO BACK

TESTING AND DEBUGGING

Testing is the process of executing the program with the intent of finding errors and it establishes confidence that the program does what it supposes to do.

UNIT TESTING

It is testing of individual module.

INTERGRATION TESTING

Integration testing is performed after all the software units are combined together. The objective here is to test the software interfaces.

CONCLUSION

Thus we have built a simple hotel management system using Java Eclipse. The program does some basic operations which can help a hotel manager manage hotel easily.