



School of Computer Engineering

Databases I

User manual

Teacher:

Adriana Alvarez Figueroa

Students:

Barreda Acevedo Luis Alejandro - 2020425927

Cortés Álvarez Jesus Andrés 2021579439

Guzmán Flores Katerine Marcela - 2019390523

Santamaría Castro Joseph David - 2021044250

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Introduction

The tourism sector around the world it grows every year at a great rate; offering a wide variety of options for vacationers. They exist from large chains of up to small and medium hotels, cabins that offer prices and other attractive features national and foreign vacationer. On the other hand, with the pandemic, arose the concept of digital nomad He also came to promote tourism in small and medium SMEs in the sector of hotels.

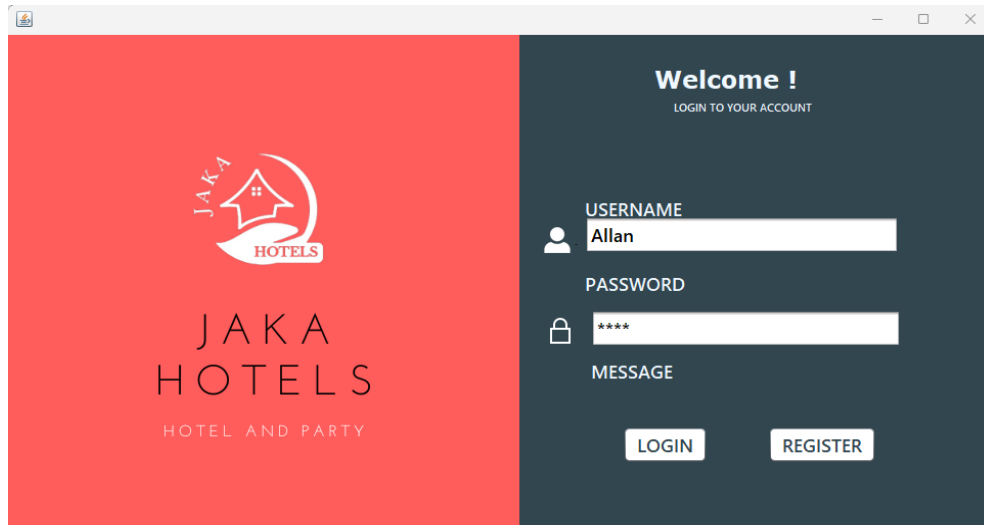
In the developed system you will find a large number of functions, which will facilitate its use for the responsible management and control of your hotel.

Next, you will be presented with how the system works, so that its use is simple and useful for use.

We are jaka hotels!

Main window

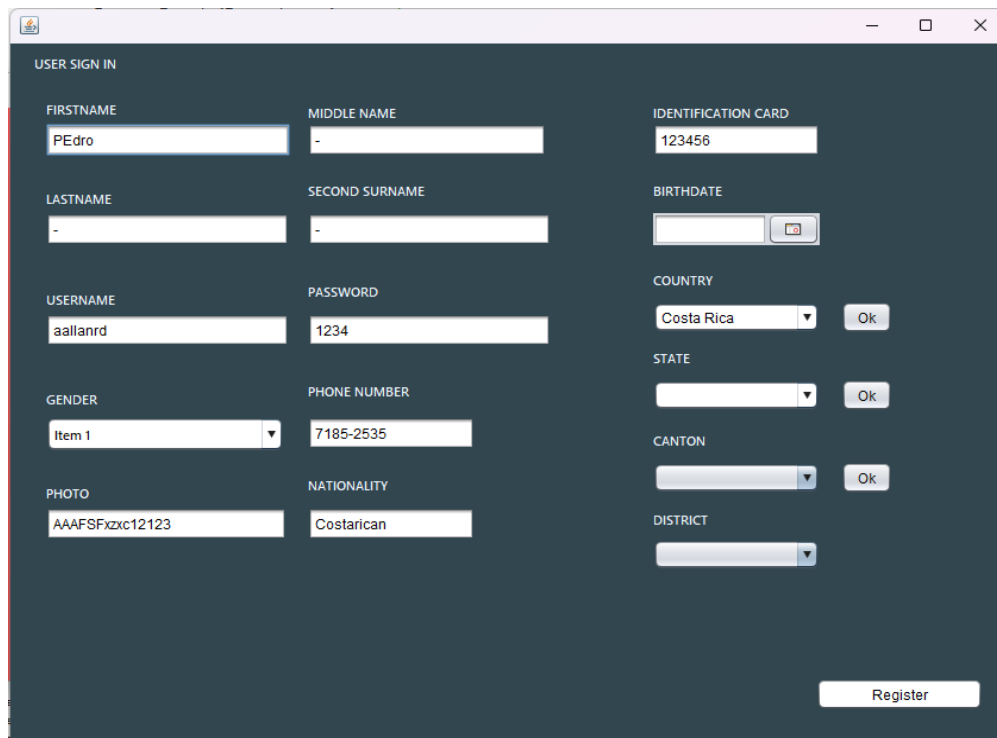
To begin we present the following window, which works to start a session, if a user is already registered in the system. Enter your username and password respectively.



The main window is split into two panels. The left panel has a red background and features the JAKA HOTELS logo (a house icon with 'JAKA' above it and 'HOTELS' below it) and the text 'JAKA HOTELS HOTEL AND PARTY'. The right panel has a dark blue background and is titled 'Welcome ! LOGIN TO YOUR ACCOUNT'. It contains input fields for 'USERNAME' (with the value 'Allan') and 'PASSWORD' (with masked characters '****'). Below these is a 'MESSAGE' label and two buttons: 'LOGIN' and 'REGISTER'.

Register Window

In this window the user will be able to register a new user, they must enter the data that is required to complete the registration.



The register window is titled 'USER SIGN IN' and contains a comprehensive registration form. The form is organized into several sections:

- Personal Information:** Includes fields for 'FIRSTNAME' (value: 'PEdro'), 'MIDDLE NAME' (value: '-'), 'LASTNAME' (value: '-'), and 'SECOND SURNAME' (value: '-').
- Identification:** Includes 'IDENTIFICATION CARD' (value: '123456') and 'BIRTHDATE' (with a calendar icon).
- Account Details:** Includes 'USERNAME' (value: 'aallanrd') and 'PASSWORD' (value: '1234').
- Demographics:** Includes 'GENDER' (dropdown menu with 'Item 1' selected), 'PHONE NUMBER' (value: '7185-2535'), 'COUNTRY' (dropdown menu with 'Costa Rica' selected), 'STATE' (dropdown menu), 'CANTON' (dropdown menu), and 'DISTRICT' (dropdown menu).
- Other Fields:** Includes 'NATIONALITY' (value: 'Costarican') and 'PHOTO' (value: 'AAAFSFxzc12123').

 Each dropdown menu has an 'Ok' button next to it. At the bottom right of the form is a 'Register' button.

Locations window

In the next window the user will have the opportunity to visualize the available hotels according to the location they choose. The location can be given thanks to the combo box on the left side, select the options you want and you will get the hotels in that place.

Parameters

Window country

In the next window you have the option to insert a new country to the system, just write the name of the country and then press the "add" button, also if you want to delete or modify a country you must enter its respective id, and press the button of the specific action you want to perform. In addition, the box on the left shows the districts already registered in the system.

Window state

In the next window you have the option to insert a new state to the system, just write the name of the state and then press the "add" button, also if you want to delete or modify a state you must enter its respective id, and press the button of the specific action you want to perform. In addition, the box on the left shows the states already registered in the system.

Window canton.

In the next window you have the option to insert a new canton to the system, just write the name of the canton and then press the "add" button, also if you want to delete or modify a canton you must enter its respective id, and press the button of the specific action you want to perform. In addition, the box on the left shows the states already registered in the system.

Window district.

In the next window you have the option to insert a new district to the system, just write the name of the district and then press the "add" button, also if you want to delete or modify a district you must enter its respective id. In addition, the box on the left shows the districts already registered in the system, and press the button of the specific action you want to perform.

Window Gender

In this window the user can add or modify a genre, pressing the corresponding buttons, also has the option to choose the one he wants to delete.

Admin Zone

The administrator area is presented below, in which on the left side are actions that can be performed as master. Select by clicking on the action you want to perform, which would be, for example, the following actions are presented:

- Discount window
- Reservation window
- Room window
- Amenities window
- Penalty window



The screenshot displays the 'ADMIN ZONE' interface for JAKA HOTELS. On the left is a dark sidebar with the hotel logo and navigation links: Discounts (0% icon), Reservations (S icon), Rooms (bed icon), Amenities (dome icon), Penalties (shield icon), and a 'Back to Main' link at the bottom. The main content area has a light yellow background and features a 'SELECT :' dropdown menu with a 'Refresh' button next to it. Below the dropdown are 'Admin' and 'ADD->' buttons. To the right of these is a large white box labeled 'AMENITIES'. At the bottom right of this box is a '<-Remove' button.

Reservation window

In the next window, the user in charge of making reservations will be able to make them, First you must click on the upper left that says "Select room" and choose the room you want to reserve, so that its corresponding amenities appear and if possible the discounts available for that room, in addition the recommended price will appear, the capacity of the room, select the check in and check out, the category of the room and the payment method will also be displayed, and then press the "Pay" button.

RESERVATION

Rooms

Select Room ▾

Room Ammenities

Discount Available

Recommended Price

NUMBER OF PEOPLE

CHECK IN

CHECK OUT

GENERAL INFORMATION

TYPE OF ROOM

Payment

-Card Number-

PAY

Room window

This window is made to create rooms, so that the user in charge must enter his name, select his category, select the capacity, place his recommended price and then click on "Add". On the right side you can see the existing rooms and the available amenities. (preguntar a kat)

Discount window

In the next window you can make discounts that can be used for the rooms. First you must enter the valid code for that discount, add the valid date to use the discount, the discount percentage and a description of it, and then click on "add" to add it successfully.

Amenities window

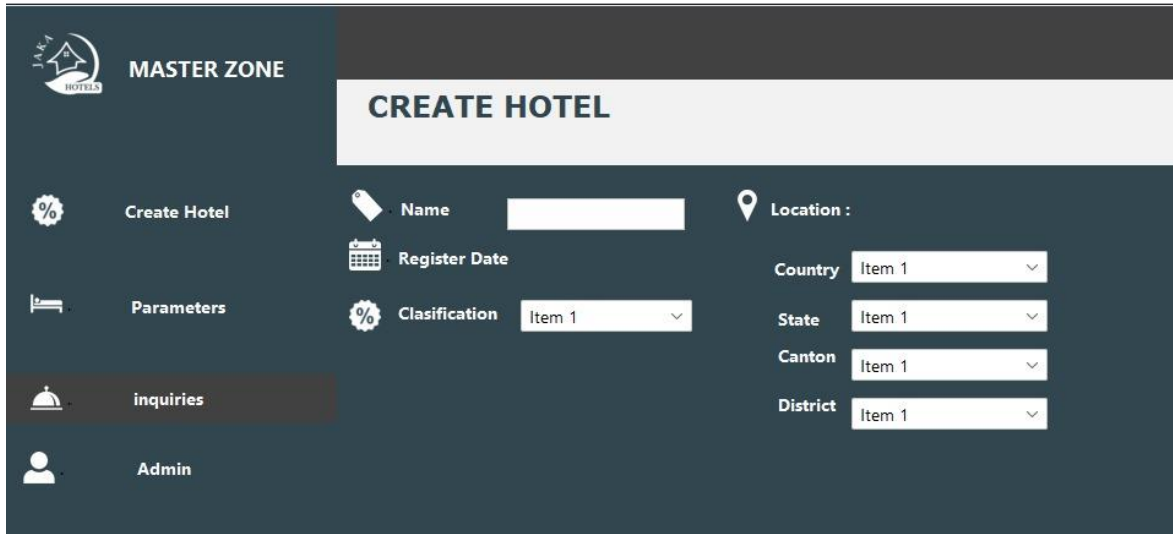
In the next window, the user can add the amenities that the room or hotel has, writing the desired amenity in the bar on the left, and then press the "add" button, if you want to delete an amenity, in the blank box on the right click on the amenity and press remove.

Penalty window

In this window, the user will be able to create sanctions, first he must select the type of penalty, add the name of the penalty and write a short description. At the end, press the "add" button.

Master Zone

In this window the master will be able to carry out actions such as creating a hotel, adding, modifying or deleting parameters, a window to consult important information about the hotel and the clients who stayed.



The screenshot shows the 'MASTER ZONE' interface with a 'CREATE HOTEL' form. The form includes a sidebar with navigation options: 'Create Hotel' (selected), 'Parameters', 'inquiries', and 'Admin'. The main form area has the following fields:

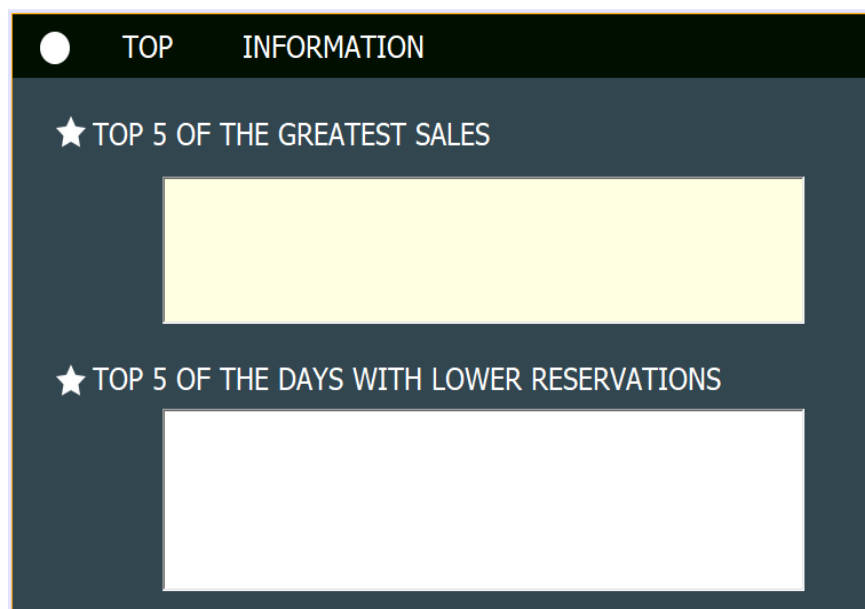
- Name:** A text input field.
- Register Date:** A date picker icon.
- Clasification:** A dropdown menu with 'Item 1' selected.
- Location:** A location pin icon followed by four dropdown menus: 'Country' (Item 1), 'State' (Item 1), 'Canton' (Item 1), and 'District' (Item 1).

Queries

In this section the master will have the option of consulting the most relevant information of the hotel.

Top 5 of the greatest sales and top 5 of the days with lower reservations.

This query allows you to view the top 5 of the greatest sales and also top 5 of the days with lower reservations.



The screenshot shows the 'TOP INFORMATION' section with two queries:

- ★ TOP 5 OF THE GREATEST SALES:** A yellow rectangular placeholder box.
- ★ TOP 5 OF THE DAYS WITH LOWER RESERVATIONS:** A white rectangular placeholder box.

All guests

This query allows you to view a list of people staying at the hotel over time with their most important personal data. You have the option of viewing them in ascending and descending order by clicking on the corresponding button.

● GUEST INFORMATION

ALL GUESTS

YOU WANT IT

ASCENDING

DESCENDING

Rating

This query shows the average rating of the hotel review with a detail of all the ratings that include the user who made it, the rating and the check-in and check-out dates and their respective comments and whether their respective comments are there would be.

● RATING INFORMATION

★ AVERAGE HOTEL RATING: NUMERO

💬 GUEST RATING:

Hotel information

The following window shows the total number of registered hotels. It includes the following characteristics: hotel, total rooms, registered reservations and total invoiced. You can also select how to order it through the following filters by hotel name, hotel registration start date and end date.

HOTEL INFORMATION

Registered Hotels

Hotel	Num Rooms	Num Reservations	Total Paid
Kibi Kibi	1	0	0
Kibi Kibi	0	0	0
Arenal Secret Garden	1	4	55000
Casa Bartzis	7	5	343000
Kat Hotel	0	0	0
Guanabana	1	2	0
Hello	1	0	0
Luz	1	0	0
Jobi	1	0	0
Allan	0	0	0

FILTER Refresh

Name OK

Start OK

finish OK

Offer window

In the next window you can see a list of hotel offers. In which you can carry out the following filters: name of the offer, start date of the offer and end of the offer. The query window includes the name of the offer, the description of the offer, and the total amount invoiced per offer.

OFFER INFORMATION

Offer:

A1Total : 203000
A2Total : 5500
A4Total : 129000

13 Refresh

Name OK

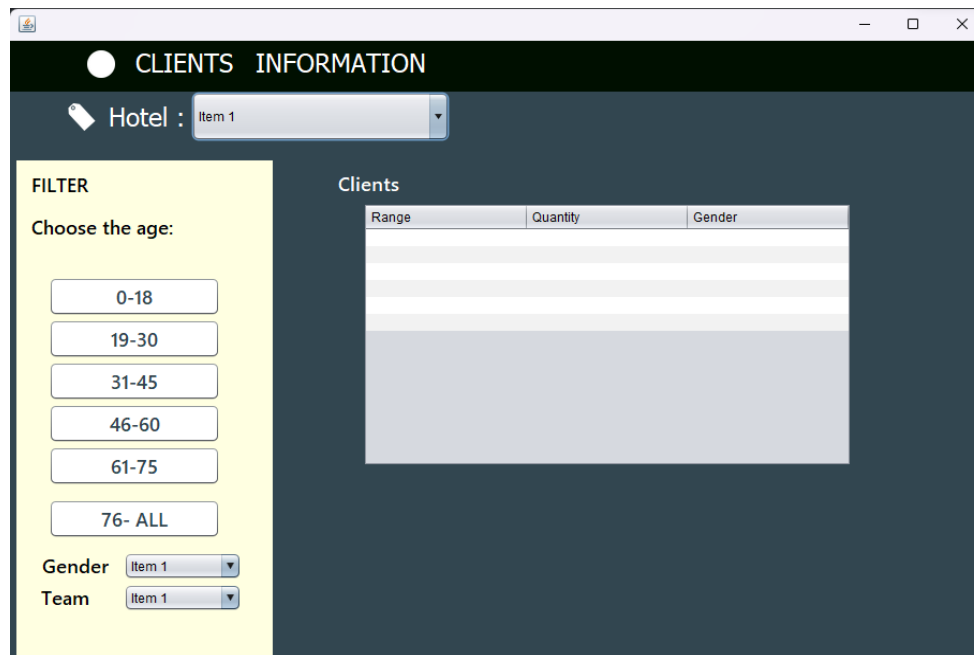
Start OK

finish OK

OK

Customer statistics window

In the following window you can check the total number of clients by age range. With gender and team filters. The age ranges are: 0 to 18, 19 to 30, 31 to 45, 46 to 60, 61 to 75 and over 75, select the one you want to view in the window.



The screenshot shows a web application window titled "CLIENTS INFORMATION". At the top, there is a "Hotel" dropdown menu with "Item 1" selected. Below this, on the left, is a "FILTER" section with a yellow background. It contains a "Choose the age:" label followed by six buttons: "0-18", "19-30", "31-45", "46-60", "61-75", and "76- ALL". Below these buttons are two more dropdown menus: "Gender" and "Team", both with "Item 1" selected. On the right side of the window, there is a table titled "Clients". The table has three columns: "Range", "Quantity", and "Gender". The table body is currently empty, showing only the header row.

Range	Quantity	Gender