



SCHOOL OF BUSINESS AND ECONOMICS  
DEPARTMENT OF BUSINESS TECHNOLOGY

SYSTEM ENGINEERING

Student name: BONHEUR ITANGISHAKA

Registration number No: 222009138

Submitted to: Dr. BUGINGO Emmanuel

Date: 19/ 07 /2023

## **SECTION 2 SQL**

### **Q1. CREATION OF DATABASE**

Setting environment for using XAMPP for Windows.

Francois@DESKTOP-GM17RD6 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 8

Server version: 10.4.28-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE TouristConnect;

Query OK, 1 row affected (0.052 sec)

MariaDB [(none)]> USE TouristConnect;

Database changed

### **2.QWERIES TO CREATE TABLES**

MariaDB [TouristConnect]> CREATE TABLE Tourist (

```
-> TouristID INT PRIMARY KEY,  
-> Name VARCHAR(255),  
-> Phone VARCHAR(15),  
-> Email VARCHAR(255)  
-> );
```

Query OK, 0 rows affected (0.388 sec)

MariaDB [TouristConnect]> CREATE TABLE Place (

```
-> PlaceID INT PRIMARY KEY,  
-> Name VARCHAR(255),  
-> Description TEXT,  
-> Location VARCHAR(255)  
-> );
```

Query OK, 0 rows affected (0.223 sec)

MariaDB [TouristConnect]> CREATE TABLE Application (

```
-> ApplicationID INT PRIMARY KEY,  
-> TouristID INT,  
-> PlaceID INT,  
-> FOREIGN KEY (TouristID) REFERENCES Tourist(TouristID),  
-> FOREIGN KEY (PlaceID) REFERENCES Place(PlaceID)  
-> );
```

Query OK, 0 rows affected (0.202 sec)

```
MariaDB [TouristConnect]> CREATE TABLE Activity (  
    -> ActivityID INT PRIMARY KEY,  
    -> Name VARCHAR(255),  
    -> Description TEXT,  
    -> PlaceID INT,  
    -> Price DECIMAL(10, 2),  
    -> Date DATE,  
    -> Duration INT,  
    -> FOREIGN KEY (PlaceID) REFERENCES Place(PlaceID)  
    -> );
```

Query OK, 0 rows affected (0.206 sec)

### **3.QWERIES TO INSERT DATA INTO ABOVE TABLES**

```
MariaDB [TouristConnect]> INSERT INTO Tourist (TouristID, Name, Phone, Email)  
    -> VALUES (1, 'bonheur itangishaka', '0780482542',  
'bonheuritangishaka72@gmail.com');
```

Query OK, 1 row affected (0.127 sec)

```
MariaDB [TouristConnect]> INSERT INTO Place (PlaceID, Name, Description,  
Location)
```

```
    -> VALUES (1, 'Volcano national park', 'Rwanda volcano park', 'Northern  
province');
```

Query OK, 1 row affected (0.098 sec)

```
MariaDB [TouristConnect]> INSERT INTO Application (ApplicationID, TouristID, PlaceID)
```

```
-> VALUES (1,1,1);
```

Query OK, 1 row affected (0.108 sec)

```
MariaDB [TouristConnect]> INSERT INTO Place (PlaceID, Name, Description, Location) VALUES (2, 'Muslim site', 'Ancient muslim', 'southern province');
```

Query OK, 1 row affected (0.088 sec)

```
MariaDB [TouristConnect]> INSERT INTO Place (PlaceID, Name, Description, Location) VALUES (3, 'Gisozi memorial site', 'Genocide memorial place', 'kigali city');
```

Query OK, 1 row affected (0.090 sec)

```
MariaDB [TouristConnect]> INSERT INTO Activity (ActivityID, Name, Description, PlaceID, Price, Date, Duration)
```

```
-> VALUES ('1', 'Museum visit', 'Explore muslim history', '2', '$50', '17/12/2023', '3');
```

Query OK, 1 row affected, 3 warnings (0.127 sec)

```
MariaDB [TouristConnect]> INSERT INTO Activity (ActivityID, Name, Description, PlaceID, Price, Date, Duration)
```

```
-> VALUES ('2', 'Wild animal visit', 'Explore life of animals', '1', '$30',  
'5/11/2023', '2');
```

Query OK, 1 row affected, 3 warnings (0.095 sec)

```
MariaDB [TouristConnect]> INSERT INTO Activity (ActivityID, Name, Description,  
PlaceID, Price, Date, Duration)
```

```
-> VALUES ('3', 'Memorial visit', 'Explore history of genocide', '3', '$70',  
'7/4/2024', '2');
```

Query OK, 1 row affected, 3 warnings (0.064 sec)

#### 4. QWERIES TO DISPLAY ALL INFORMATION

```
MariaDB [TouristConnect]> SELECT * FROM Tourist;
```

```
+-----+-----+-----+-----+  
| TouristID | Name          | Phone   | Email          |  
+-----+-----+-----+-----+  
|      1 | bonheur itangishaka | 0780482542 | bonheuritangishaka72@gmail.com  
|  
+-----+-----+-----+-----+
```

1 row in set (0.001 sec)

```
MariaDB [TouristConnect]> SELECT * FROM place;
```

```
+-----+-----+-----+-----+  
| PlaceID | Name          | Description          | Location      |  
+-----+-----+-----+-----+
```

1	Volcano national park	Rwanda volcano park	Northern province
2	Muslim site	Ancient muslim	southern province
3	Gisozi memorial site	Genocide memorial place	kigali city

3 rows in set (0.001 sec)

MariaDB [TouristConnect]> SELECT \* FROM application;

ApplicationID	TouristID	PlaceID
1	1	1

1 row in set (0.001 sec)

MariaDB [TouristConnect]> SELECT \* FROM activity;

ActivityID	Name	Description	PlaceID	Price	Date	Duration
1	Museum visit	Explore muslim history	2	0.00	0000-00-00	
3						

```
|      2 | Wild animal visit | Explore life of animals |      1 | 0.00 | 0000-00-00
|      2 |
```

```
|      3 | Memorial visit | Explore history of genocide |      3 | 0.00 | 0000-00-
00 |      2 |
```

```
+-----+-----+-----+-----+-----+-----+-----
-+
```

3 rows in set (0.001 sec)

## 5. QWERIES TO UPDATE INFORMATION

MariaDB [TouristConnect]> UPDATE Tourist

-> SET Email = 'itangishaka@gmail.com'

-> WHERE TouristID = 1;

Query OK, 1 row affected (0.091 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [TouristConnect]> INSERT INTO Tourist (TouristID, Name, Phone, Email)

-> VALUES (2, 'niyitunga francois', '0790746153', 'francois72@gmail.com');

Query OK, 1 row affected (0.050 sec)

MariaDB [TouristConnect]> INSERT INTO Tourist (TouristID, Name, Phone, Email)

-> VALUES (3, 'daniel ndererimana', '0781046502', 'daniel72@gmail.com');

Query OK, 1 row affected (0.048 sec)



MariaDB [TouristConnect]> UPDATE Tourist

-> SET Email = 'daniel@gmail.com'

-> WHERE TouristID = 2;

Query OK, 1 row affected (0.082 sec)

Rows matched: 1 Changed: 1 Warnings: 0

### **SECTION 3**

#### **.VIEW TO INSERT DATA INTO TWO TABLES**

##### **1.VIEW TO INSERT**

]> CREATE VIEW InsertTouristData AS

-> SELECT \* FROM Tourist;

MariaDB [TouristConnect]> INSERT INTO Tourist (TouristID, Name, Phone, Email)  
VALUES (4, 'bonheur', '0734548677', 'bonheuritangishaka27@gmail.com');

Query OK, 1 row affected (0.087 sec)

MariaDB [TouristConnect]> CREATE VIEW InsertplaceData AS

-> SELECT \* FROM place;

Query OK, 0 rows affected (0.109 sec)

MariaDB [TouristConnect]> INSERT INTO Place (PlaceID, Name, description,  
location) VALUES (5, 'nyungwe forest', 'national forest south', 'southern  
province');

Query OK, 1 row affected (0.177 sec)

##### **2.VIEW TO DISPLAY ALL THE INFORMATION**

MariaDB [TouristConnect]> CREATE VIEW AllData AS

-> SELECT TouristID, Name, Phone, Email FROM Tourist

-> UNION ALL

-> SELECT PlaceID, Name, Description, Location FROM Place

-> UNION ALL

-> SELECT ApplicationID, TouristID, PlaceID, NULL FROM Application

-> UNION ALL

-> SELECT ActivityID, Name, Description, PlaceID FROM Activity;

Query OK, 0 rows affected (0.074 sec)

### **3.VIEW TO UPDATE**

MariaDB [touristconnect]> CREATE VIEW UpdateTouristAndPlace AS

-> SELECT t.touristID, t.name AS touristName, t.phone AS touristPhone, t.email  
AS touristEmail,

-> p.placeid, p.name AS placeName, p.description AS placeDescription,  
p.location AS placeLocation

-> FROM tourist t

-> INNER JOIN place p ON t.touristID = p.placeid;

Query OK, 0 rows affected (0.077 sec)

### **4.VIEW TO DELETE**

MariaDB [touristconnect]> CREATE VIEW DeleteTouristAndPlace AS

-> SELECT t.touristID, t.name AS touristName, t.phone AS touristPhone, t.email  
AS touristEmail,

-> p.placeid, p.name AS placeName, p.description AS placeDescription,  
p.location AS placeLocation

-> FROM tourist t

-> INNER JOIN place p ON t.touristID = p.placeid;

Query OK, 0 rows affected (0.075 sec)

## **5. VIEW WITH SUBQUERIES**

MariaDB [touristconnect]> CREATE VIEW TouristWithApplications AS

-> SELECT t.touristID, t.name AS touristName, t.phone AS touristPhone, t.email  
AS touristEmail,

-> a.applicationId, a.placeid AS appliedPlaceId,

-> (SELECT p.name FROM place p WHERE p.placeid = a.placeid) AS  
appliedPlaceName

-> FROM tourist t

-> INNER JOIN application a ON t.touristID = a.touristID;

Query OK, 0 rows affected (0.151 sec)

## **SECTION 3 PROCEDURE**

### **1.PROCEDURE TO INSERT DATA**

MariaDB [TouristConnect]> CREATE PROCEDURE InsertData(

-> IN p\_TouristID INT,

-> IN p\_Name VARCHAR(255),

-> IN p\_Phone VARCHAR(15),

-> IN p\_Email VARCHAR(255),

-> IN p\_PlaceID INT,

```

-> IN p_PlaceName VARCHAR(255),
-> IN p_PlaceDescription TEXT,
-> IN p_PlaceLocation VARCHAR(255),
-> IN p_ApplicationID INT,
-> IN p_ApplicationTouristID INT,
-> IN p_ApplicationPlaceID INT,
-> IN p_ActivityID INT,
-> IN p_ActivityName VARCHAR(255),
-> IN p_ActivityDescription TEXT,
-> IN p_ActivityPlaceID INT,
-> IN p_ActivityPrice DECIMAL(10, 2),
-> IN p_ActivityDate DATE,
-> IN p_ActivityDuration INT
-> )
-> BEGIN
-> INSERT INTO Tourist (TouristID, Name, Phone, Email)
-> VALUES (1, 'bonheur itangishaka', '0780482542',
'bonheuritangishaka72@gmail.com');
-> INSERT INTO Place (PlaceID, Name, Description, Location)
-> VALUES (1, 'Volcano national park', 'Rwanda volcano park', 'Northern
province');
-> INSERT INTO Application (ApplicationID, TouristID, PlaceID)

```

-> VALUES (1,1,1);

-> INSERT INTO Activity (ActivityID, Name, Description, PlaceID, Price, Date, Duration)

-> VALUES ('1', 'Museum visit', 'Explore muslim history', '2', '\$50', '17/12/2023', '3');

-> END;

-> //

Query OK, 0 rows affected (0.151 sec)

## **2. PROCEDURE TO DISPLAY ALL INFORMATION**

MariaDB [TouristConnect]> CREATE PROCEDURE DisplayAllData()

-> BEGIN

-> SELECT \* FROM Tourist;

-> SELECT \* FROM Place;

-> SELECT \* FROM Application;

-> SELECT \* FROM Activity;

-> END;

-> //

Query OK, 0 rows affected (0.159 sec)

## **3. PROCEDURE TO UPDATE INFORMATION IN TABLE**

MariaDB [touristconnect]> CREATE PROCEDURE UpdateTouristAndPlace(

-> IN tourist\_id INT,

```

-> IN new_tourist_name VARCHAR(255),
-> IN new_phone VARCHAR(20),
-> IN new_email VARCHAR(255),
-> IN place_id INT,
-> IN new_place_name VARCHAR(255),
-> IN new_description VARCHAR(255),
-> IN new_location VARCHAR(255)
-> )
-> BEGIN
-> UPDATE tourist
-> SET name = new_tourist_name, phone = new_phone, email = new_email
-> WHERE touristID = tourist_id;
-> UPDATE place
-> SET name = new_place_name, description = new_description, location =
new_location
-> WHERE placeid = place_id;
-> END;
-> //

```

Query OK, 0 rows affected (0.137 sec)

#### **4.CREATE PROCEDURE TO DELETE DATA**

```
CREATE PROCEDURE DeleteTourist(
```

```
IN p_TouristID INT
```

```

)
BEGIN

DELETE FROM Tourist

WHERE Tourist_ID = p_TouristID;

END;

//

DELIMITER //

CREATE PROCEDURE DeletePlace(

    IN p_PlaceID INT

)

BEGIN

DELETE FROM Place

WHERE Place_ID = p_PlaceID;

END;

//

```

## 5.PROCEDURE WITH SUBQWEIRIES

```

DELIMITER //

CREATE PROCEDURE DeleteActivityByName(

    IN p_ActivityName VARCHAR(255)

)

BEGIN

```

```
DECLARE v_ActivityID INT;

SELECT Activity_ID INTO v_ActivityID

FROM Activity

WHERE Name = p_ActivityName;

DELETE FROM Activity

WHERE Activity_ID = v_ActivityID;

END;

//
```

## **SECTION V: TRIGGERS**

### **1. TRIGGER AFTER INSERT**

```
MariaDB [touristconnect]> CREATE TRIGGER AfterInsertTourist

-> AFTER INSERT

-> ON tourist

-> FOR EACH ROW

-> BEGIN

->   INSERT INTO tourist(TouristID, Name, Phone, Email)

->   VALUES (1, 'John Irumva', 0783453756, 'john@example.com');

-> END;

-> //
```

Query OK, 0 rows affected (0.134 sec)

```
MariaDB [touristconnect]> CREATE TRIGGER AfterInsertPlace

-> AFTER INSERT
```



```
-> ON place
-> FOR EACH ROW
-> BEGIN
->   INSERT INTO place(PlaceID, Name, Description, Location, Price, Date)
->   VALUES (1, 'VOLCANO NATIONAL PARK', 'NATIONAL PARK VISITS', 'NORTH
RWANDA', 200.00, '2023-09-05');
-> END;
-> //
```

Query OK, 0 rows affected (0.134 sec)

## **2. TRIGGER AFTER UPDATE**

MariaDB [touristconnect]> CREATE TRIGGER AfterUpdateTourist

```
-> AFTER UPDATE
-> ON tourist
-> FOR EACH ROW
-> BEGIN
->   INSERT INTO tourist(TouristID, Name, Phone, Email)
->   VALUES (1, 'John Irumva', 0783453756, 'john@example.com');
-> END;
-> //
```

Query OK, 0 rows affected (0.134 sec)

MariaDB [touristconnect]> CREATE TRIGGER AfterUpdatePlace

-> AFTER UPDATE

-> ON place

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO place(PlaceID, Name, Description, Location, Price, Date)

-> VALUES (1, 'VOLCANO NATIONAL PARK', 'NATIONAL PARK VISITS', 'NORTH RWANDA', 200.00, '2023-09-05');

-> END;

-> //

Query OK, 0 rows affected (0.054 sec)

### **3. TRIGGER AFTER DELETE**

MariaDB [touristconnect]> CREATE TRIGGER AfterDeleteTourist

-> AFTER DELETE

-> ON tourist

-> FOR EACH ROW

-> BEGIN

-> INSERT INTO tourist(TouristID, Name, Phone, Email)

-> VALUES (1, 'John Irumva', 0783453756, 'john@example.com');

-> END;

-> //

Query OK, 0 rows affected (0.134 sec)

```
MariaDB [touristconnect]> CREATE TRIGGER AfterDeletePlace
```

```
-> AFTER DELETE
```

```
-> ON place
```

```
-> FOR EACH ROW
```

```
-> BEGIN
```

```
->   INSERT INTO place(PlaceID, Name, Description, Location, Price, Date)
```

```
->   VALUES (1, 'VOLCANO NATIONAL PARK', 'NATIONAL PARK VISITS', 'NORTH  
RWANDA', 200.00, '2023-09-05');
```

```
-> END;
```

```
-> //
```

Query OK, 0 rows affected (0.054 sec)

## **SECTION VI: USER CREATION AND GRANT ACCESS**

```
MariaDB [touristconnect]> CREATE USER 'ITANGISHAKABonheur'@'localhost'  
IDENTIFIED BY '222009200';
```

Query OK, 0 rows affected (0.058 sec)

```
MariaDB [touristconnect]> GRANT INSERT, UPDATE, DELETE ON touristconnect.*  
TO 'ITANGISHAKABonheur'@'localhost';
```

Query OK, 0 rows affected (0.047 sec)

```
MariaDB [touristconnect]> FLUSH PRIVILEGES;
```

Query OK, 0 rows affected (0.001 sec)

```
MariaDB [touristconnect]> REVOKE INSERT ON touristconnect.* FROM  
'ITANGISHAKABonheur'@'localhost';
```

Query OK, 0 rows affected (0.061 sec)

```
MariaDB [touristconnect]> FLUSH PRIVILEGES;
```

Query OK, 0 rows affected (0.002 sec)

**THE END**

### **SECTION 3: JAVA PROGRAMMING:**

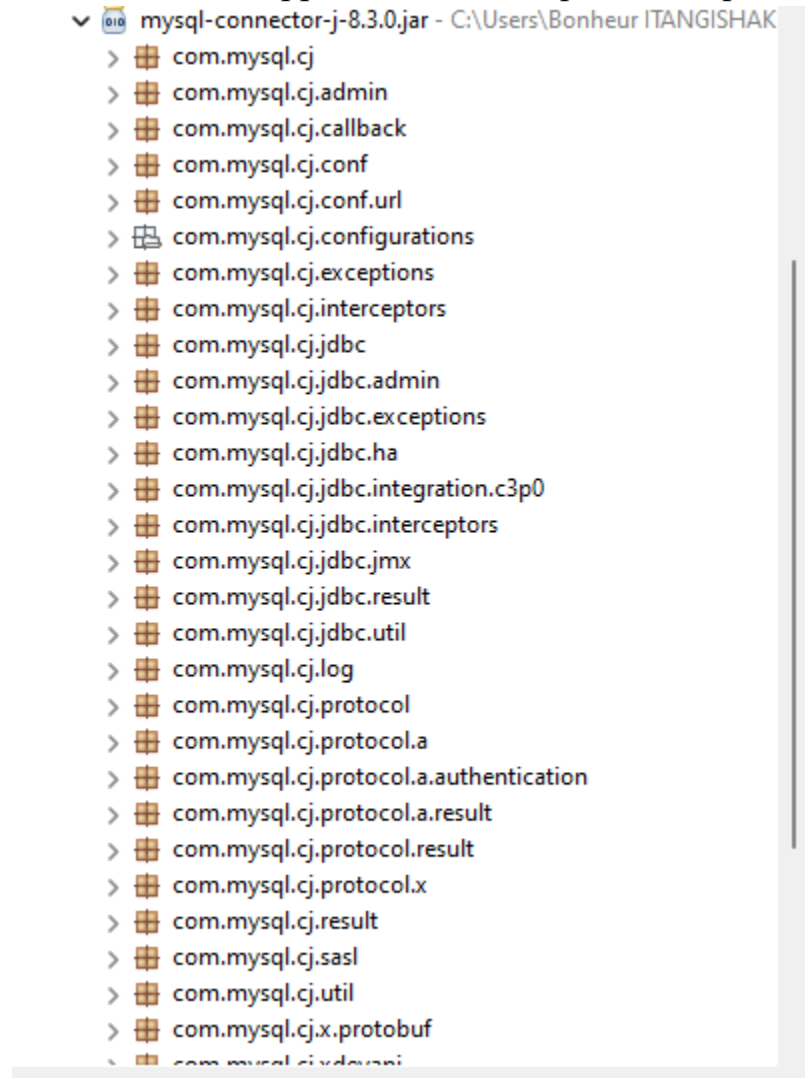
#### **INTRODUCTION:**

In this chapter I will be describing how tourist connect system is going to work from beginning up to the end. Under this chapter I am going to full detail of how tourist connect project form page will function together with database that have been created before.

#### **3.2 Tools used to develop this system in java programming:**

**Eclipse IDE:** an integrated development environment used in computer programming. It contains a base workspace and an extensible plug-in system for customizing the environment. It is the second-most-popular IDE for Java development, and, until 2016, was the most popular.

**JAR stands for Java Archive.** It's a file format based on the popular ZIP file format and is used for aggregating many files into one. Although JAR can be used as a general archiving tool, the primary motivation for its development was so that Java applets and their requisite components.

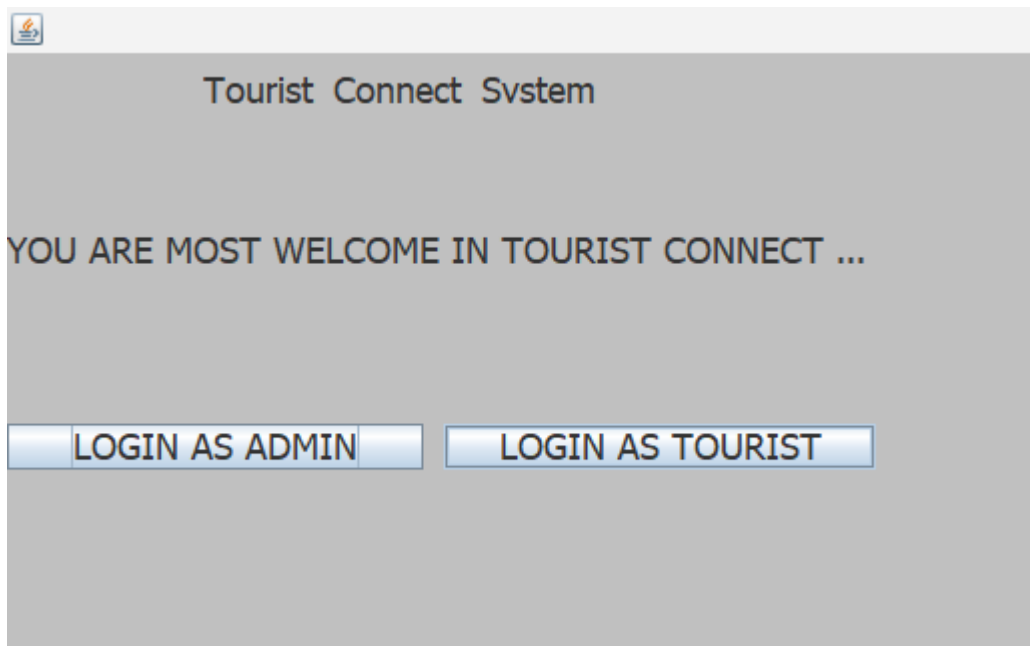


**MySQL Connectors.** MySQL provides standards-based drivers for JDBC, ODBC, and .Net enabling developers to build database applications in their language

### 3.3 Forms description.

#### 1. Welcome Page.

This is first page of my project as home page where system will show this page to both admin and tourist so that can log in as his/herself and system will direct one to their appropriate section.



This page show two button where admin and tourist will click to login in as explained few in below:

**LOGIN AS ADMIN:** Administrator will enter in system and choose to click on login button in purpose to interact with the system.

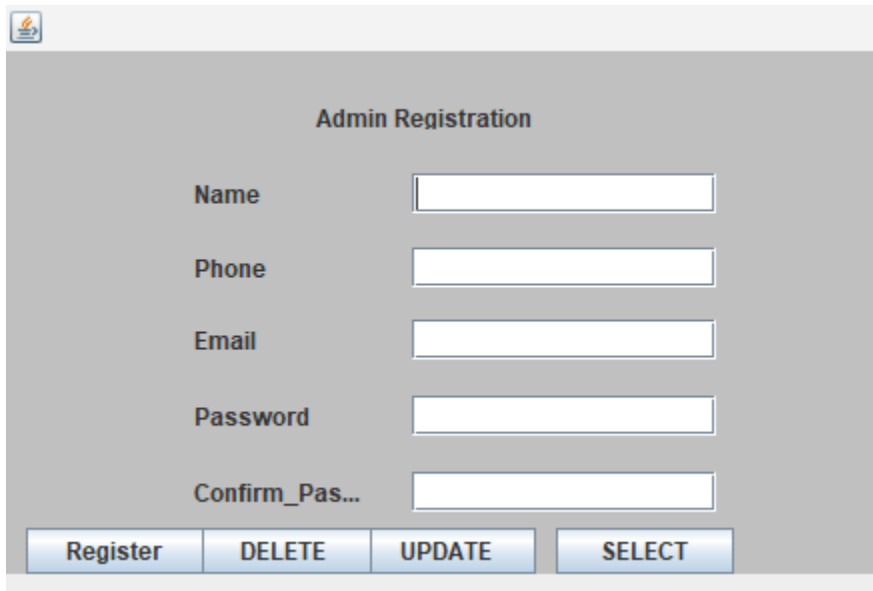
Here, when admin login into the system will direct him into system himself/herself.

**LOGIN AS TOURIST:** Here, the tourist will enter in system as same as admin do by clicking on login as tourist button.

When click on this button, the system will direct him into system as himself and continue to do anything want into system.

## 2. ADMIN REGISTRATION:

As it described on below form, Admin will register himself into the system and fulfill their information on provided space

A screenshot of a web application window titled "Admin Registration". The window has a light gray border and a small icon in the top-left corner. The main content area is a darker gray. At the top, the title "Admin Registration" is centered. Below it, there are five labels: "Name", "Phone", "Email", "Password", and "Confirm\_Pas...". Each label is followed by a white text input field. At the bottom of the form, there are four buttons: "Register", "DELETE", "UPDATE", and "SELECT". The buttons are light blue with black text and a slight 3D effect.

Admin Registration

Name

Phone

Email

Password

Confirm\_Pas...

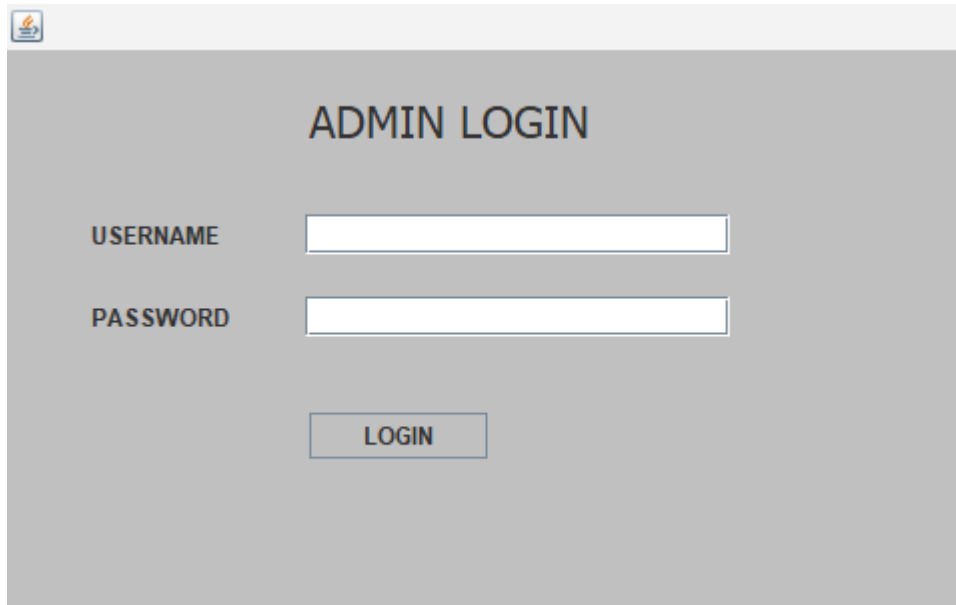
Register DELETE UPDATE SELECT

At register button, when admin click to register the information provided will direct into database store to keep that details

He can delete the information entered when seems that is right to enter new other one, and also he can update when want to change existing entered data.

## 3.ADMIN LOGIN:

At this page user, once admin login as admin the system will direct him here on Admin login page.

A screenshot of a web application window titled "ADMIN LOGIN". The window has a light gray header bar with a small icon on the left. The main content area is a solid gray. At the top center, the text "ADMIN LOGIN" is displayed in a large, bold, black font. Below this, there are two input fields. The first is labeled "USERNAME" in a bold, black font, followed by a white rectangular input box with a thin blue border. The second is labeled "PASSWORD" in a bold, black font, followed by a white rectangular input box with a thin blue border. Below these fields is a rectangular button with a blue border and the text "LOGIN" in a bold, black font.

ADMIN LOGIN

USERNAME

PASSWORD

LOGIN

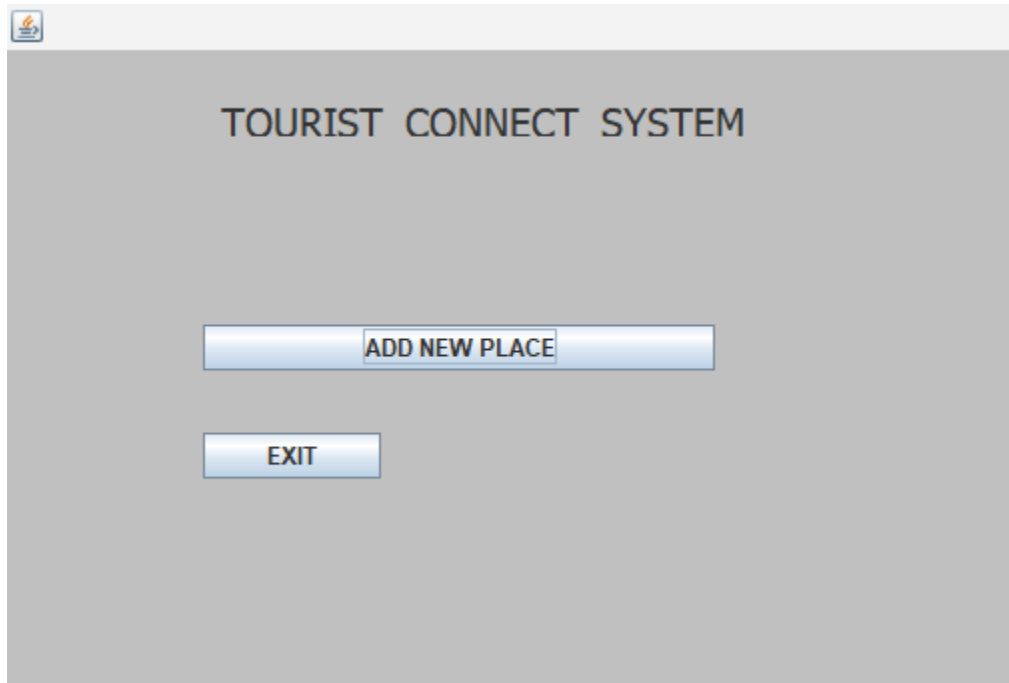
Admin will enter their username and password as show above,

After entering this details the system will direct him as only admin interact with the system but when fulfill wrong information the system will not log him into the system.

### **3.ADMIN HOME PAGE TO ADD PLACE:**

This section is welcome page to the admin as it looks below:





When Admin welcomed into the system, he/she will allowed to add place into the system where tourist will select to apply. It is done by clicking on add new place button so that the system allow admin to insert the place to be visited. Not only adding new place but also are allowed to exit into the system.

#### **4.PLACE REGISTRATION FORM:**

Under this section, admin are allowed to insert, delete, update and select place at their wish so that when tourist login in to apply will view inserted place. It is only admin that allowed to insert the place.

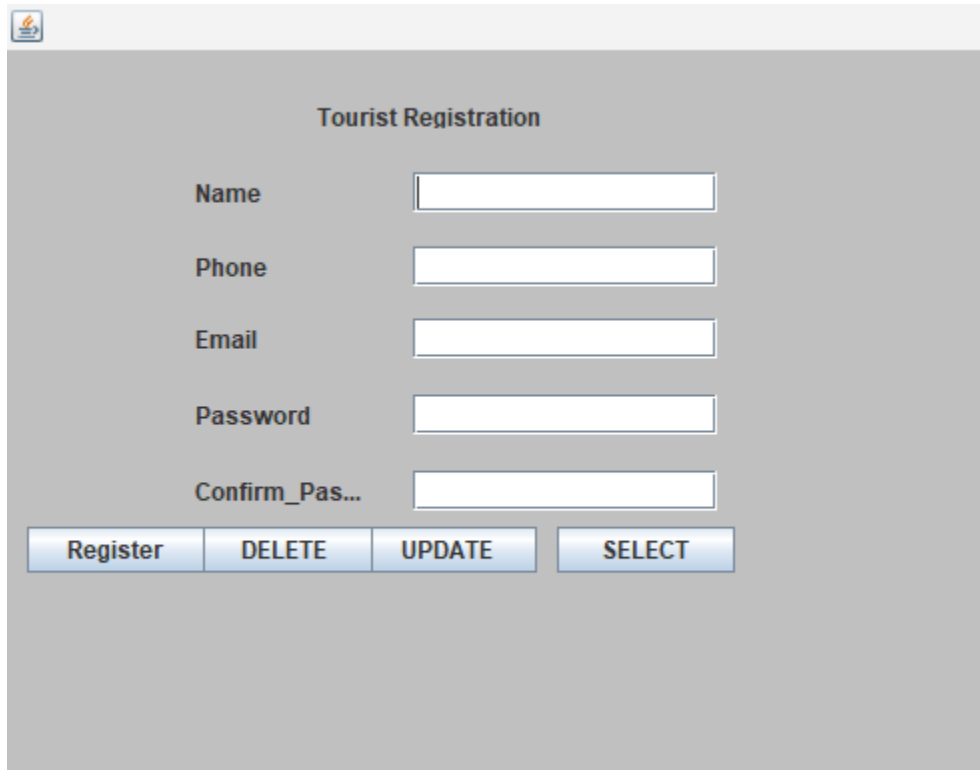
The image shows a software window titled 'PLACE'. It contains five text input fields arranged vertically, each with a label to its left: 'Name', 'Description', 'Location', 'Price', and 'Date'. Below these fields is a row of four buttons: 'INSERT', 'DELETE', 'UPDATE', and 'SELECT'. The window has a standard title bar with a small icon on the left.

## 5.TOURIST REGISTRATION FORM:

This part come is belong to user of system/tourist. Under this section, tourist will register their information on provided space so in order to interact with the system.

They allowed to register, delete, update and select the information.

Once register, the system will keep record of that provided details, once delete the system will delete the records that have entered, and also will change existing information by clicking on update.

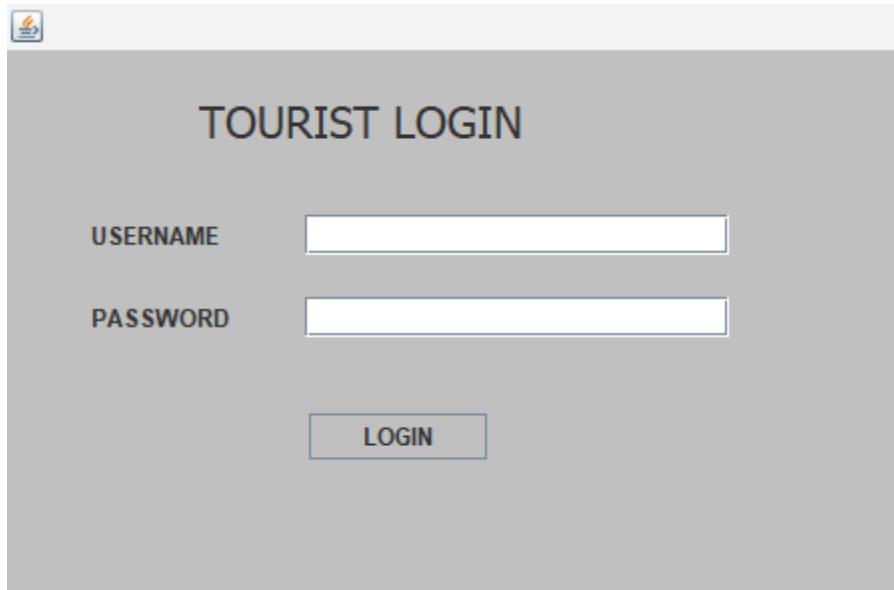


The image shows a web application window titled "Tourist Registration". It contains five text input fields for "Name", "Phone", "Email", "Password", and "Confirm\_Pas...". Below the fields are four buttons: "Register", "DELETE", "UPDATE", and "SELECT".

Tourist Registration	
Name	<input type="text"/>
Phone	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
Confirm_Pas...	<input type="password"/>
Register	DELETE UPDATE SELECT

## 5.TOURIST LOGIN FORM:

After registration of tourist, the system will direct user to login form to enter the Username and password that matches with the one provided in registration but this works for only password section only. For username he can choose to enter any name he wishes use. Once user enters wrong password the system will not allow to login.



A screenshot of a web browser window displaying a login form titled "TOURIST LOGIN". The form is set against a light gray background. It features two input fields: one for "USERNAME" and one for "PASSWORD", both with white backgrounds and thin blue borders. Below these fields is a blue "LOGIN" button with white text. A small icon is visible in the top-left corner of the browser window.

TOURIST LOGIN

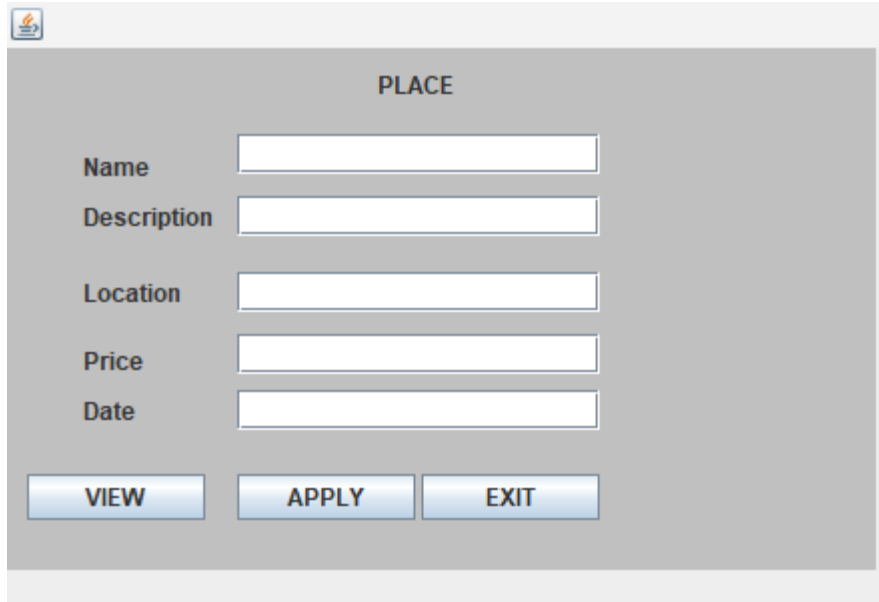
USERNAME

PASSWORD

#### **6.PLACE SELECTION PAGE:**

This is the other page that user will appear after login into system.

It is where can view the places and apply for it.



**PLACE**

Name

Description

Location

Price

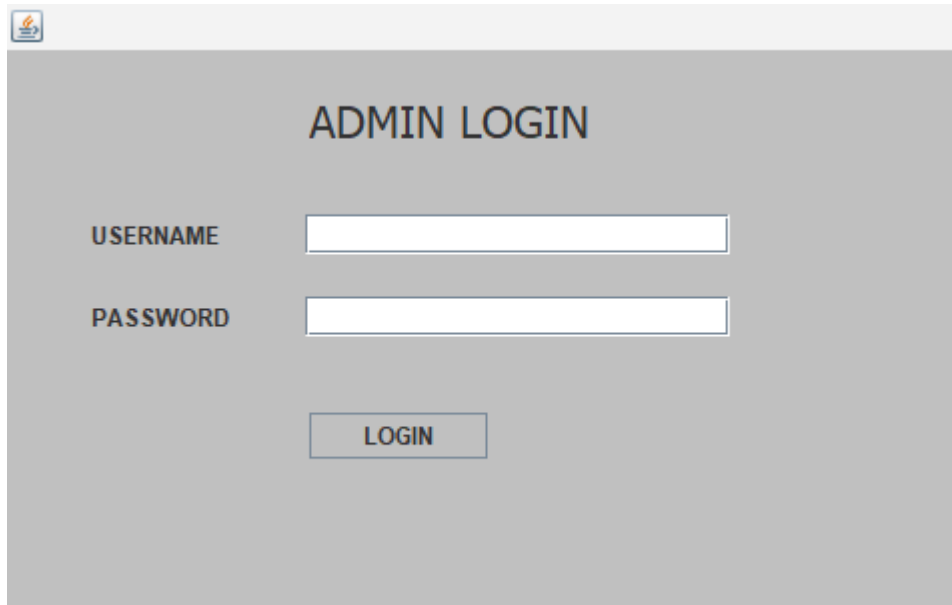
Date

**VIEW** **APPLY** **EXIT**

Under this section the user will view the uploaded place into system and choose what want to apply with.

After clicking on view button, the system will show the place to visit and then user will click on apply to book that place.

Not only applying for place but also can exit into the system and system will back on Admin

A screenshot of a web application window titled "ADMIN LOGIN". The window has a light gray background. At the top left, there is a small icon of a notepad and pencil. The title "ADMIN LOGIN" is centered at the top in a bold, dark blue font. Below the title, there are two input fields. The first is labeled "USERNAME" in a bold, dark blue font, and the second is labeled "PASSWORD" in a bold, dark blue font. Both labels are positioned to the left of their respective input fields. The input fields are white with a thin blue border. Below the input fields, there is a button labeled "LOGIN" in a bold, dark blue font. The button has a light gray background and a thin blue border.

### 3.4 SPECIAL BUTTON

**BACK BUTTON:** This button will direct to previous page that you were on.

Admin and user of system will click to this button to back to previous.

**EXIT BUTTON:** This button will work as logout from the existing page to home page where you can enter login details.

### 3.5 CONCLUSION.

Finally, by concluding and finishing this project developed in eclipse IDE, and as tourist connect system developed, it is showing the result that I wish to saw from the starting up to the end. As we are in world of technology many developer uses java programming language to build the system because that java is most popular today.

### 3.6 REFERENCE:

1. Software engineering 10<sup>th</sup> edition (Ian Somerville)
2. System analysis and design in changing world (John sat zinger, Robert Jackson, Stephen burd)

