Readme for the Web-App for Employee Management Tool

1. Upload the php files, and folders that are provided in the zipped file.

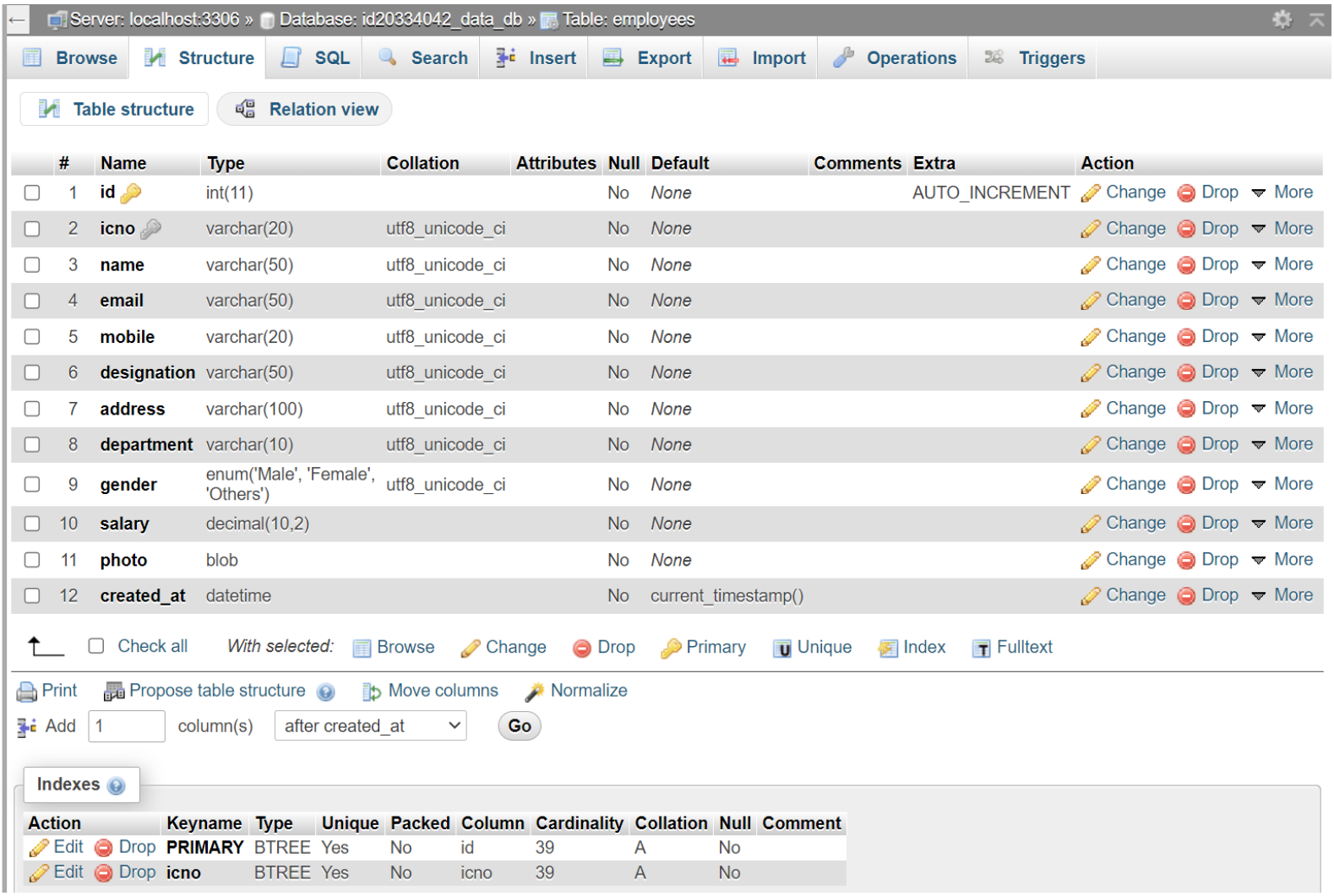
2. Go to Database Manager. There create a new Database.
   Provide Database name, Username, Servername & Password.
   Eg: $servername = "localhost";
   $username = "root";
   $password = "";
   $dbname = "data_db";

   After successful creation of Database, Go into the created Database.
   Inside the Database name, we have to add table name and the columns.
   So, either do it manually or simply go to the sql portion and
   run the query:

```
CREATE TABLE employees (
  id INT AUTO_INCREMENT PRIMARY KEY,
  icno VARCHAR(20) NOT NULL UNIQUE,
  name VARCHAR(50) NOT NULL,
  email VARCHAR(50) NOT NULL,
  mobile VARCHAR(20) NOT NULL,
  designation VARCHAR(50) NOT NULL,
  address VARCHAR(100) NOT NULL,
  department VARCHAR(10) NOT NULL,
  gender ENUM('Male', 'Female', 'Others') NOT NULL,
  salary DECIMAL(10, 2) NOT NULL,
  photo BLOB NOT NULL
);
```

   Here id is the primary key and it is set to auto-increment & the icno is unique.

Below is the screenshot of the ‘employees’ table and its columns and their structure:



3. Please update the database details in each PHP file that has been uploaded. Include the database name, username, server name, and password in each file except for the login page or the index.php page (it has different database connection settings for authenticating the user). Check every PHP file for this information, as some files may have multiple connections to the database.

Update these (as given in the Database Manager):

$servername = "localhost";
$username = "root";
$password = "";
$dbname = "data_db";

Now our database is ready to start.

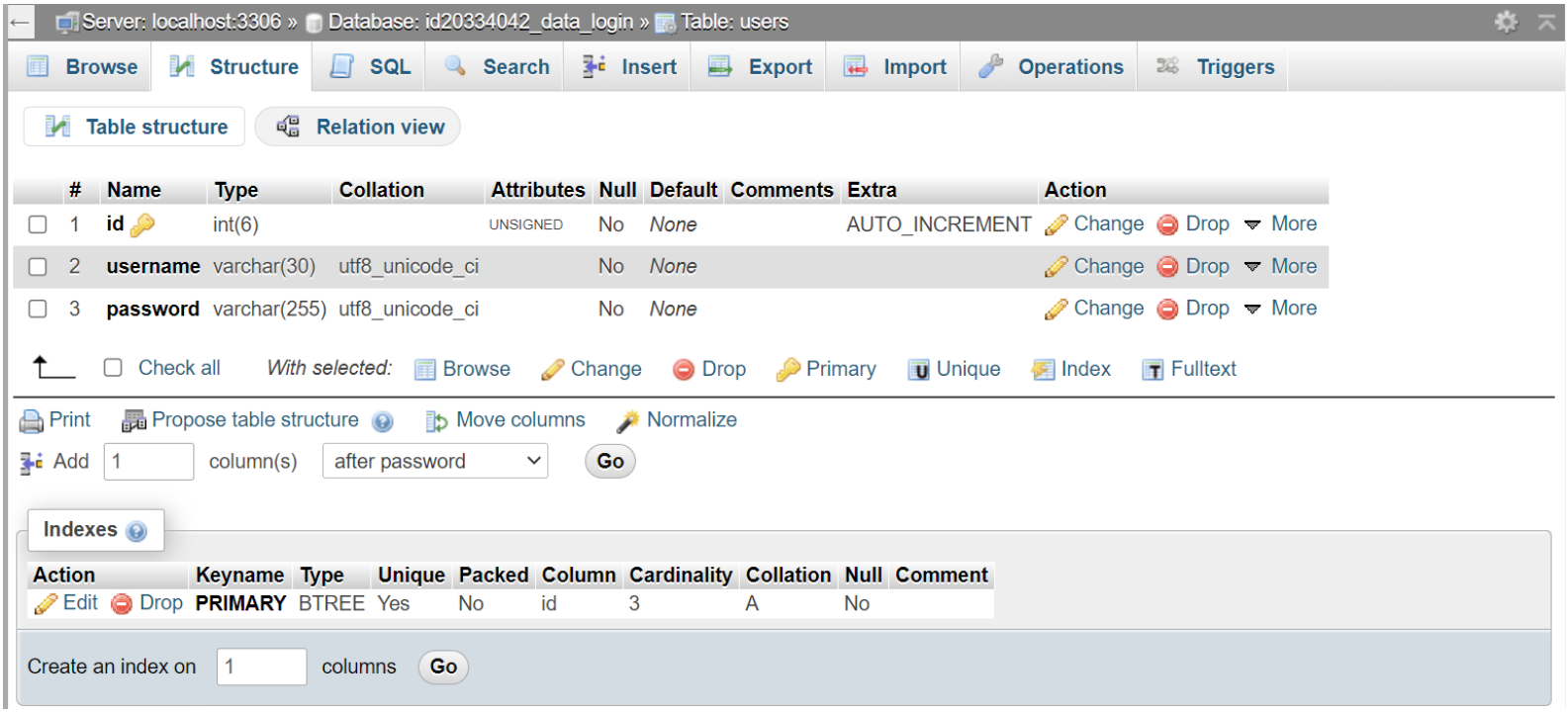
4. One thing more to be set, Our Login Page has no Database from where to authenticate the admin. So will now set that too.
In the same way create a new Database there run the sql query as:

(Please use the following query to save login credentials to the database and redirect to the registration page):

```
CREATE TABLE users (
  id INT(11) NOT NULL AUTO_INCREMENT,
  username VARCHAR(255) NOT NULL,
  password VARCHAR(255) NOT NULL,
  PRIMARY KEY (id)
);

INSERT INTO users (username, password) VALUES
('admin', 'admin@123'),
('ashutosh', 'ashutosh@123');
```

Below is the screenshot of the 'users' table and its columns and their structure (for **only Login Page**):



Hurray.!! All Set. We are ready to start our web-app. :)

File Details:

1. **index.php** : Index page or the Login Page for admin to authenticate, which users can create a new entry in the database, Search any entry, Update any entry, See the Statistics of the employees Database.

2. **registration.php** : Registration page for showing the Registration Form for the admin to create a new Database with unique IC Number.

3. **register.php** : It is only the connection code for the registration.php page, which connects the registration.php webpage to the Database.

4. **usersearch.php** : It is the webpage for searching the database with an IC Number.

5. **update.php** : It is the webpage to update the employee details using IC Number.

6. **statistics.php** : It is the webpage to see the statistics of the Database. It runs on real time

7. **logout.php** : It is just a page that is created for Session Logout.

Also, there are two folders, named **images** and **uploads**.

The **images** folder contains files for the header icons, favicons, and background svg image.

The **uploads** folder stores all the images that users submit during creating a new entry in the database.

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