

# **Online Bird Food Shop**

## **Project Report**



## **Group No. 7**

### **Group Members:**

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**Course Name & Number :** Internet and Web Technology (CSE482L)

## Introduction:

The economic progression of our country has led to the rise of many middle class to mid high class societies. Thus many hobbies and passions that were only accessible to a very few people has become popular. One of them is having animals as pets. Bird petting is very popular among animal lovers in Bangladesh. This has increased the market value of animal goods such as bird foods. We would like to exploit this opportunity and would like to develop an e-commerce site that will not only be useful to the demands of our clients but also be very helpful to us in exploring the world of internet and web technology. We want to develop this project using the help of HTML, CSS, BootStrap, JavaScript, PHP and so on.

## Background:

Although the keeping of birds as pets and the feeding of wild birds has a long history, bird keeping and outdoor feeding have seen a tremendous increase in the past decade. The global bird food market can roughly be divided into the following sectors:

- Caged birds and companion birds. These are predominantly budgerigars (*budgies*), canaries, finches, parrots, parakeets, cockatoos, cockatiels, etc. that are kept indoors or in outdoor cages or aviaries.
- Wild birds.
- Pigeons. This is a separate sector due to the nutritional needs of pigeons, especially if they are used for racing.

A related segment, which is growing in importance, is cover crops for hunting or wildlife habitat creation. It is included here because many of the small grains that are commonly used in bird food are also used in cover crops mixes and, in addition, contain other seed species of tropical and subtropical origin.

Bird food for companion birds and wild birds consists largely of mixes of small whole or broken grain. In addition to grains, bird food may contain dehydrated fruits and berries, peanuts, rice, dried egg, honey, dried insects, grits, and mineral and vitamin supplements. Mixes can be relatively simple and consist of one or

two different grains. An example is standard budgerigar mix, which will typically contain canary seed and white millet seed (proso millet). Some mixes, especially those for exotic birds like parrots, may contain 20 to 25 different ingredients. The most complex mixes are found in so-called treats<sup>[7]</sup>.

The most common small grains in bird food are:

- Cereals: crushed maize (*Zea mays*); barley (*Hordeum vulgare*); proso millet (white millet) (*Panicum miliaceum*); red millet (Japanese millet) (*Echinochloa frumentacea*); sorghum (*Sorghum bicolor*); oats (*Avena sativa*); canary grass seed (*Phalaris canariensis*); rice (*Oryza sativa*); wheat (*Triticum aestivum*); spray millet (foxtail millet) (*Setaria italica*); finger millet (*Eleusine coracana*); buckwheat (*Fagopyrum esculentum*).
- Oil seeds: Niger seed (*Guizotia abyssinica*); black (oil), striped (confection) and white sunflower seed (*Helianthus annuus*); safflower (*Carthamus tinctorius*); groundnut (*Arachis hypogaea*); rapeseed (*Brassica napus*); linseed (*Linum usitatissimum*); hempseed (*Cannabis sativus*).
- Other seeds: pine seeds (*Pinus edulis*); (flaked) peas (*Pisum sativa*); mung beans (*Phaseolus aureus*); lettuce seeds (*Lactuca sativa*); anise seeds (*Pimpinella anisum*).

Other ingredients:

- Fruits (dehydrated): banana, mango, papaya, coconut, almonds, pecans and sultanas.
- Vitamin and mineral supplements, brewers yeast, alfalfa meal, wheat gluten and corn gluten.
- Vegetable or fish oil.
- Grits (crushed shells).

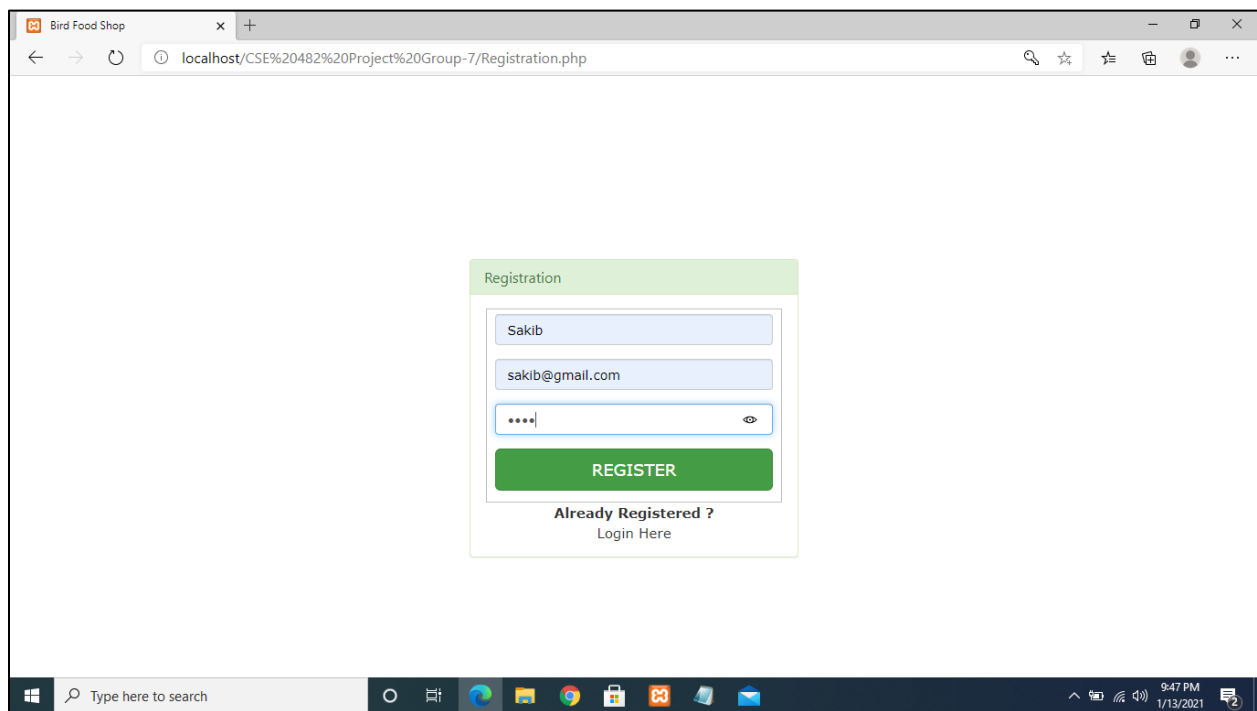
Although many of the ingredients are of tropical and subtropical origin, most of them are also cultivated as large-scale agricultural crops in North America. Sorghum (known in the United States of America as milo), millets, maize, safflower, sunflower and groundnut are readily available commodities. The only major birdseed species that is predominantly grown in the tropics is Niger seed, which is produced in India, Nepal, Ethiopia and Myanmar. Niger seed has recently been introduced into the United States of America as an alternative crop for grain growers.

## Project Feature:

There are two main features for this project. One is for the users and the other is for the admin.

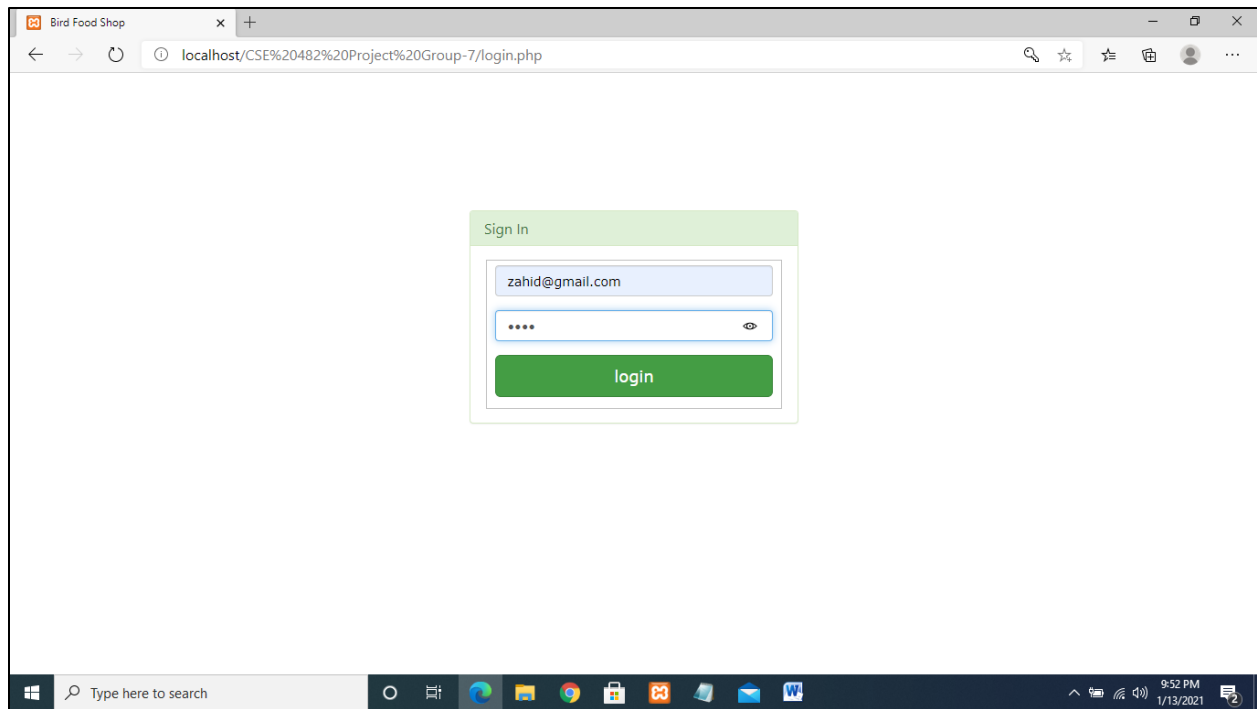
### User Option

#### 1. Registration Option

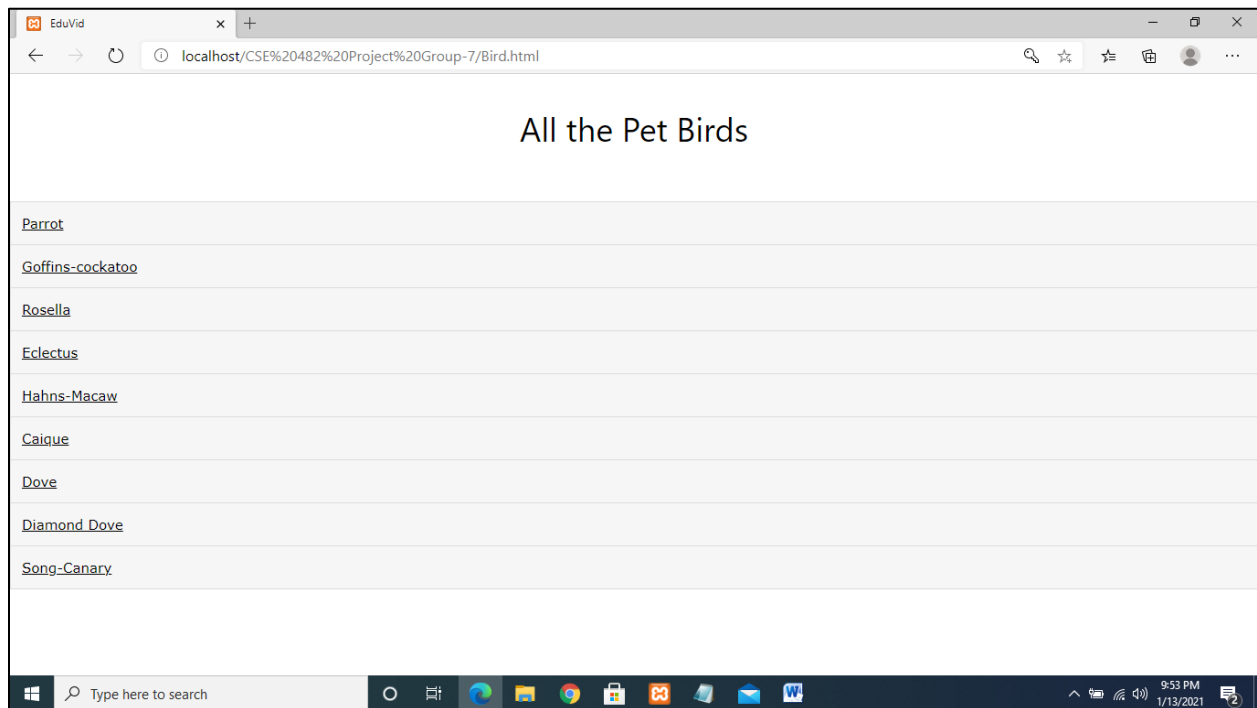


The screenshot shows a web browser window with the title 'Bird Food Shop'. The address bar displays 'localhost/CSE%20482%20Project%20Group-7/Registration.php'. The main content area features a registration form with a light green header labeled 'Registration'. The form contains three input fields: a text field with 'Sakib', an email field with 'sakib@gmail.com', and a password field with four dots and an eye icon. Below these fields is a green 'REGISTER' button. Under the button, the text 'Already Registered ?' is followed by a link 'Login Here'. The Windows taskbar is visible at the bottom, showing the search bar and various application icons. The system clock in the bottom right corner indicates 9:47 PM on 1/13/2021.

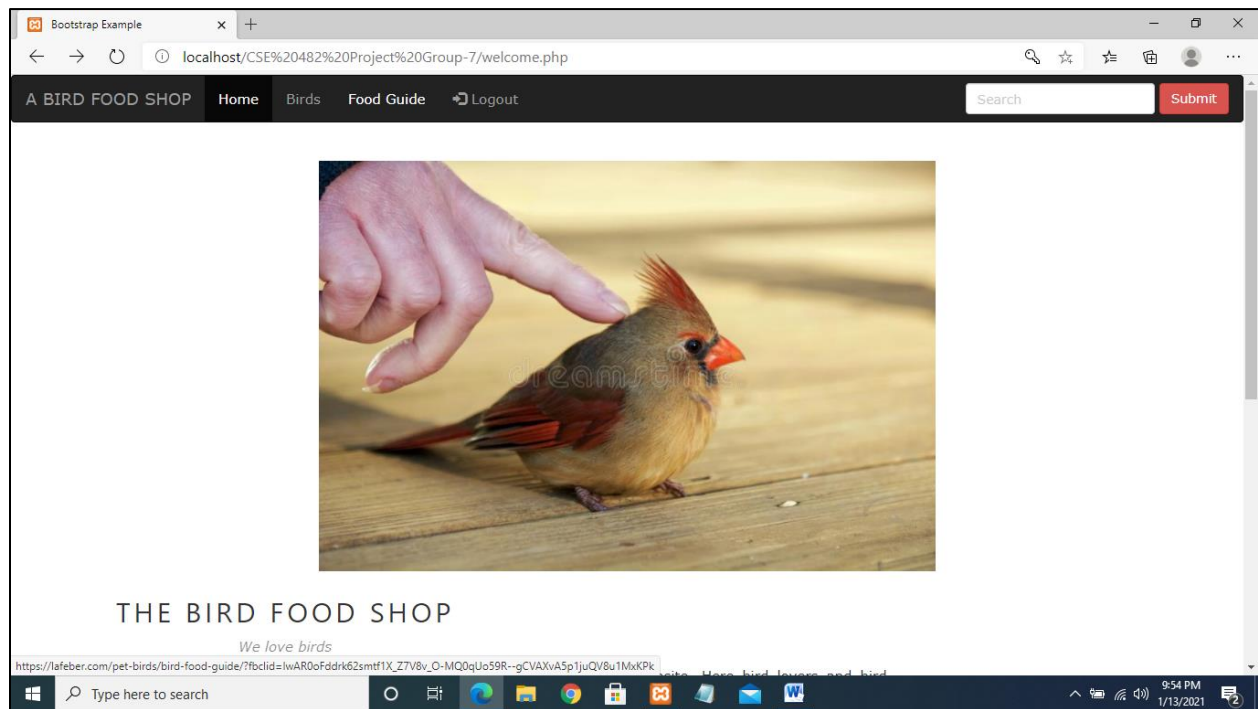
#### 2. Login/Logout Option



### 3. Pet Bird List Section

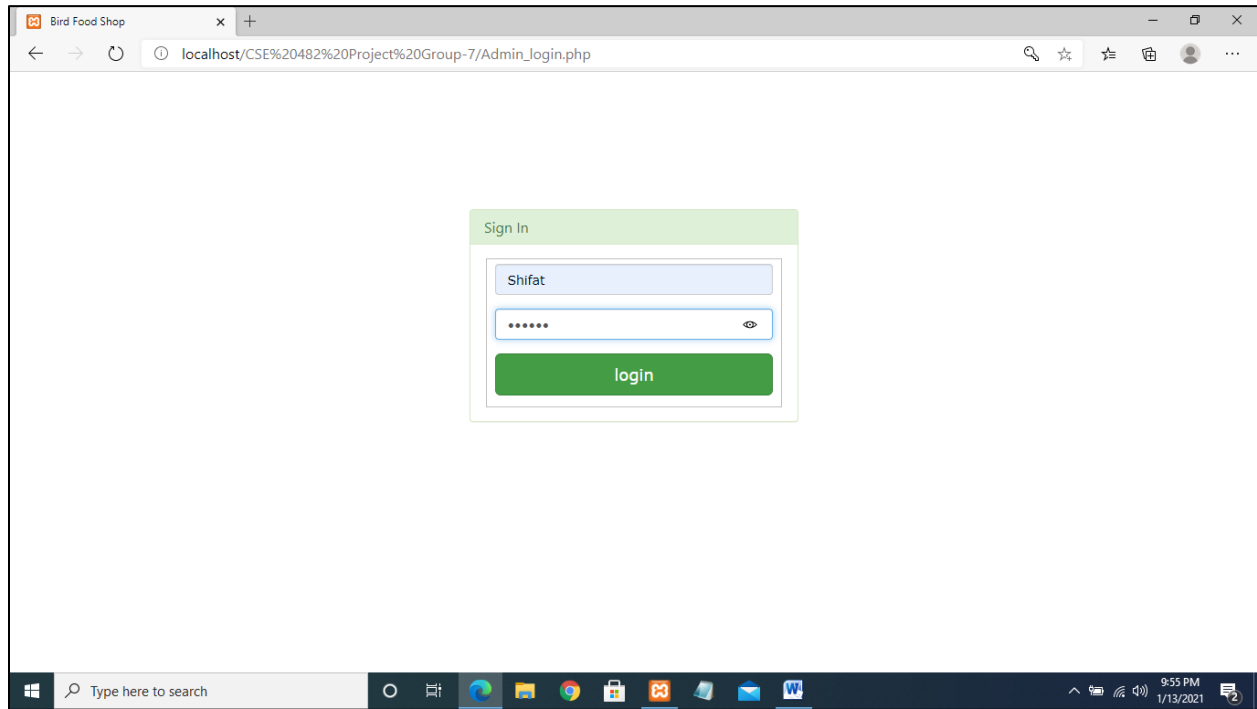


## 4. Birds Food Information Section

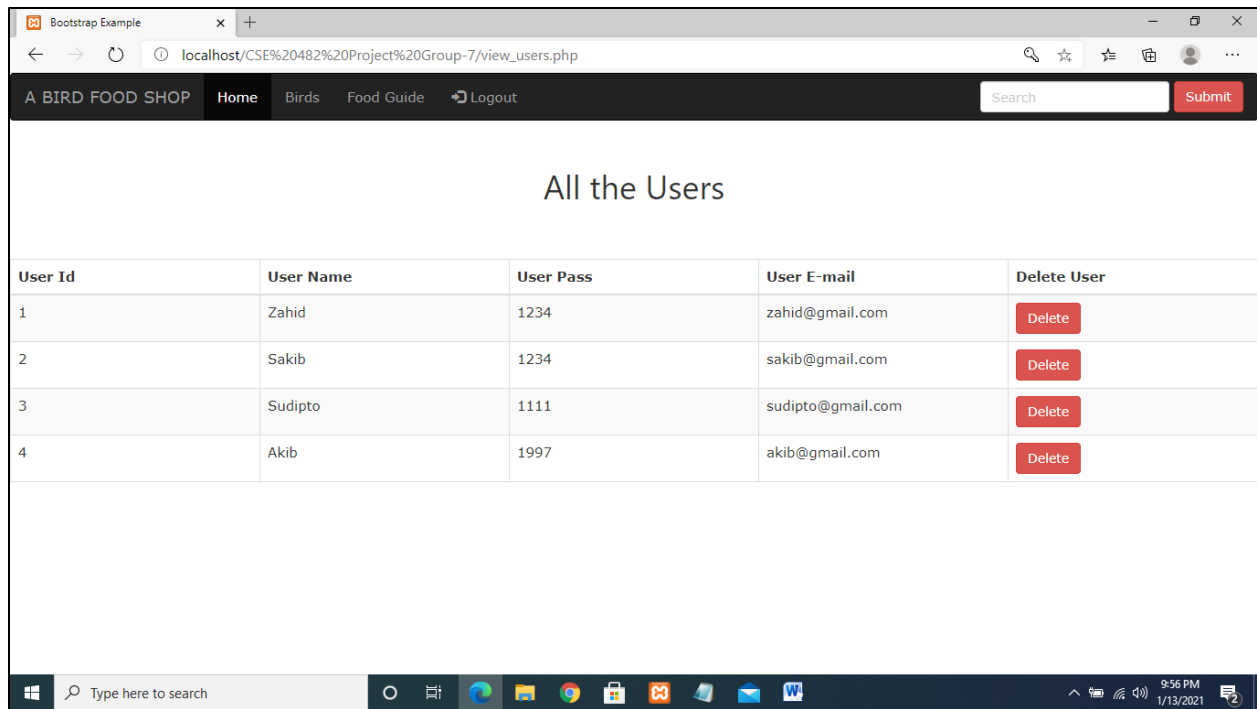


## Admin Option

### 1. Login/Logout Option

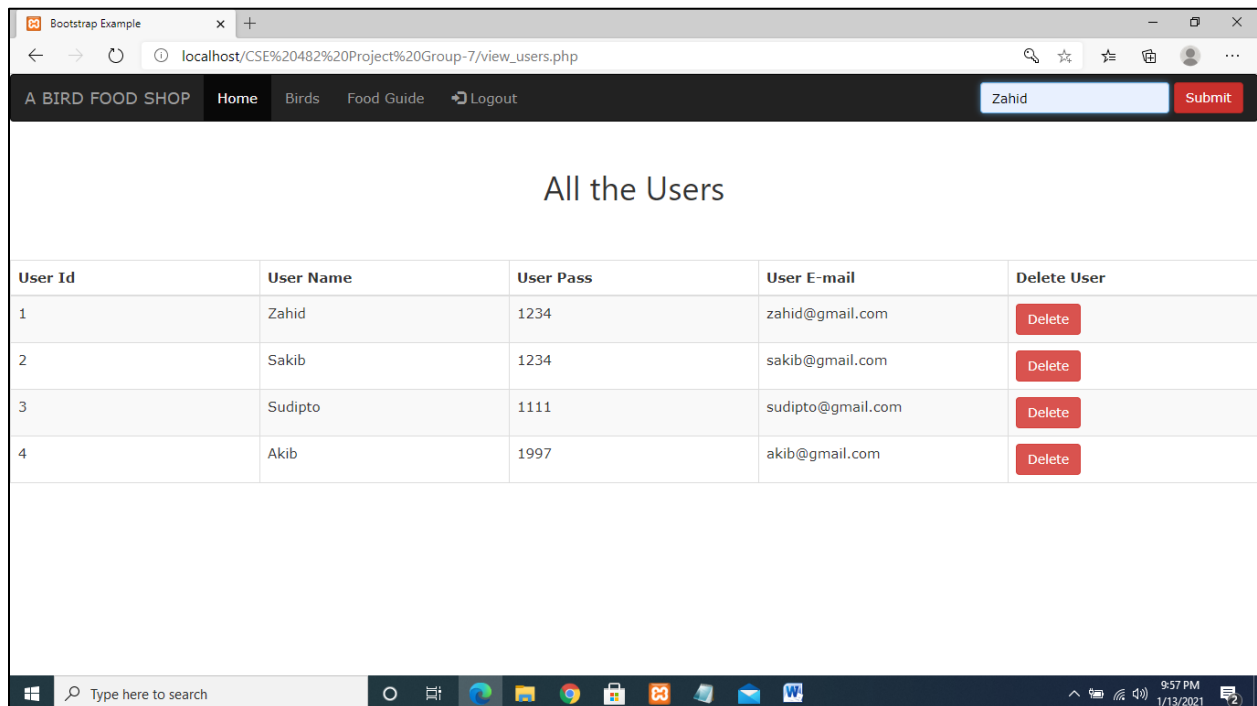


### 2. View User List Section

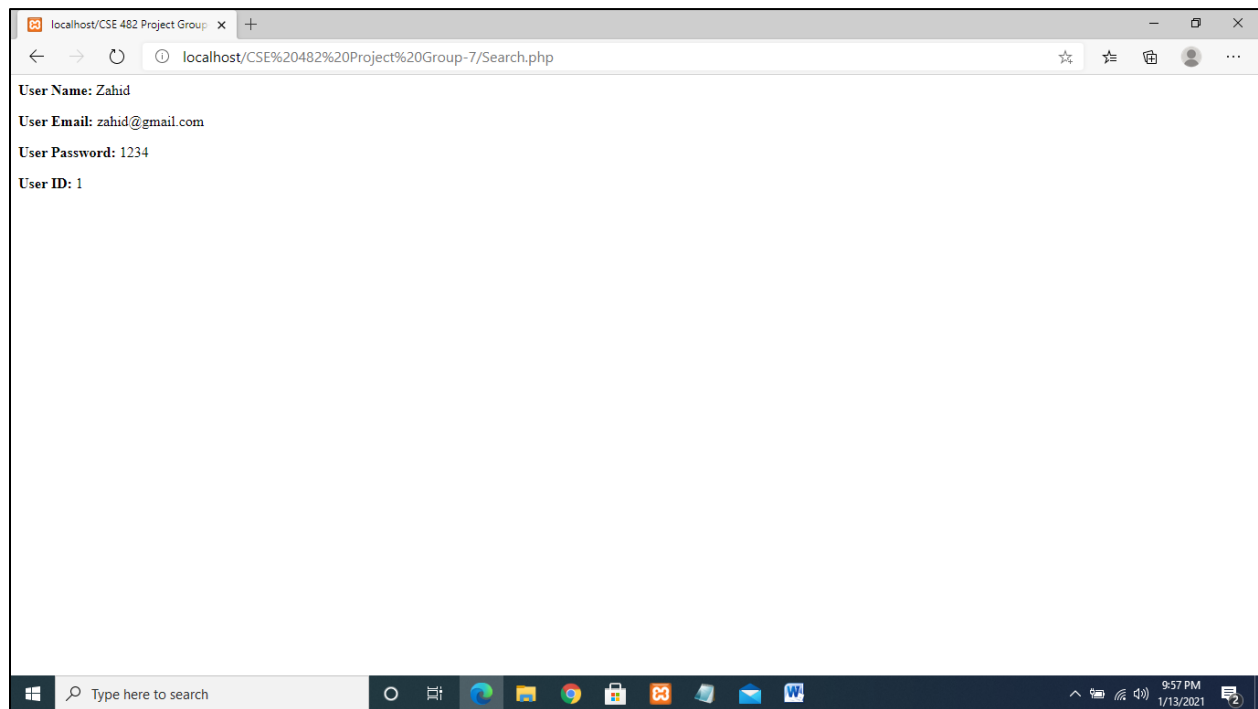


### 3. Delete User Option

### 4. Search User Option







## Implementation:

1. Firstly we developed the front-end design by using html, css, bootstrap and javascript
  1. HTML and CSS for structure and styling for web pages
  2. Bootstrap for a responsive page
  3. Javascript works with html, css and bootstrap to make up the website

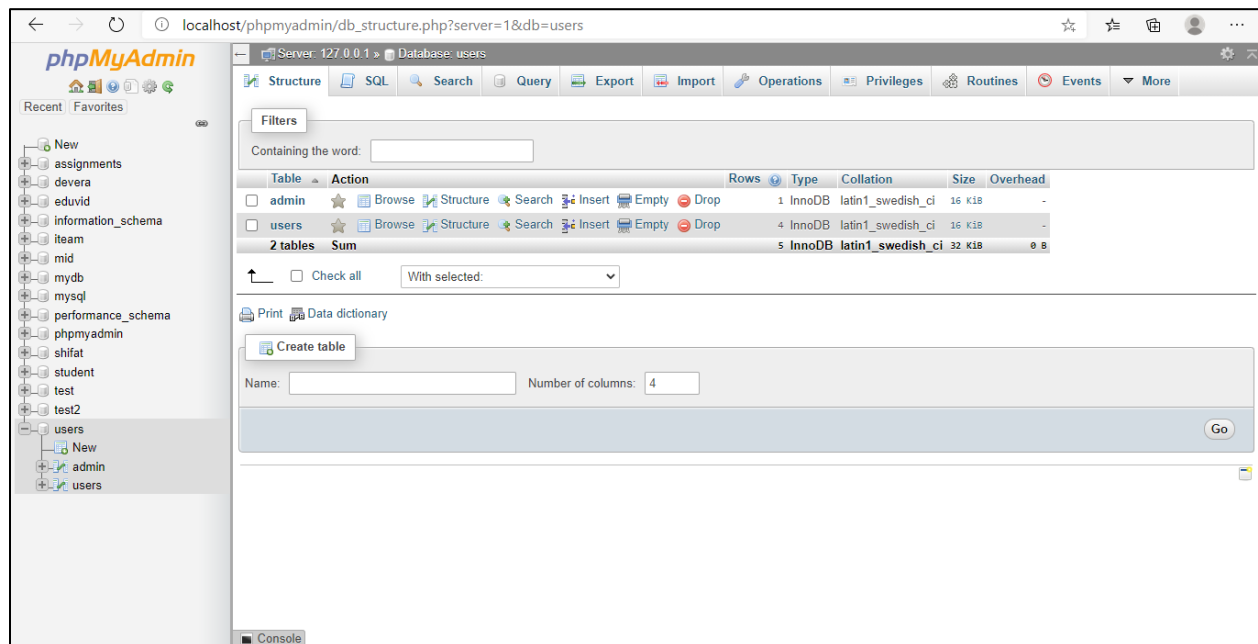
```

44 <!DOCTYPE html>
45 <html lang="en">
46 <head>
47   <title>Bootstrap Example</title>
48   <meta charset="utf-8">
49   <meta name="viewport" content="width=device-width, initial-scale=1">
50   <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
51   <link rel="stylesheet" href="https://www.w3schools.com/w3css/3/w3.css">
52   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
53   <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
54 </head>
55
56
57

```

2. After that we designed the database schema for our website

3. Then we created the main database of the website in MySQL



4. Then we connected the database with the webpages using php

```

1 <?php
2
3 $dbcon=mysqli_connect("localhost","root","");
4 mysqli_select_db($dbcon,"users");
5 >?

```

## Future Work:

In the future we will:

1. We will try to add a feature where the user can buy actual bird foods and the admin can monitor it
2. We will try to add a message sharing options so that the clients can interact with one another or with the admin
3. We will try to add many videos in the website so that the users can learn more about birds and what they like to eat
4. We will try to add a search for the clients

## References:

1. [https://www.w3schools.com/howto/howto\\_make\\_a\\_website.asp](https://www.w3schools.com/howto/howto_make_a_website.asp)
2. [https://lafeber.com/pet-birds/bird-food-guide/?fbclid=IwAR23g5vfgXQ-Fcm4bt6kDqeMgTha\\_EeRwRZHeLWSNR0yCfYLFTBxcT\\_sjRg](https://lafeber.com/pet-birds/bird-food-guide/?fbclid=IwAR23g5vfgXQ-Fcm4bt6kDqeMgTha_EeRwRZHeLWSNR0yCfYLFTBxcT_sjRg)
3. <https://getbootstrap.com/docs/4.0/components/navbar/>