

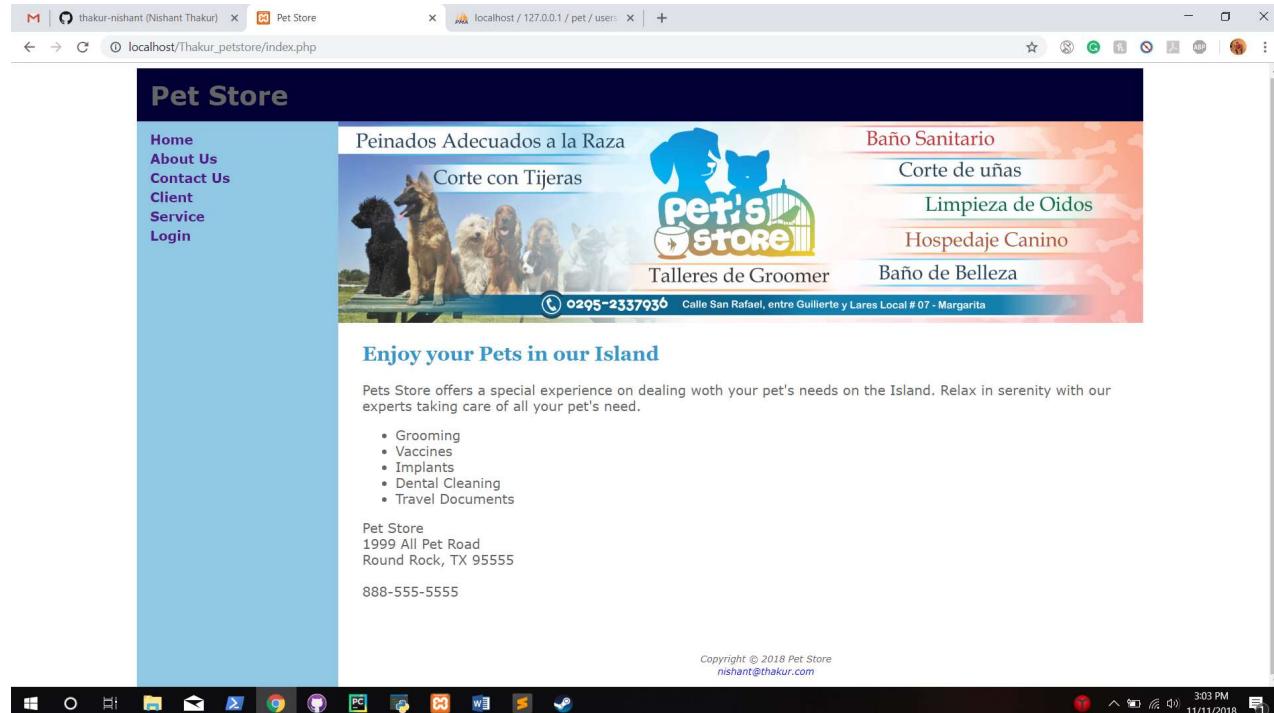
CSE5335: Web Data Management (Fall 2018)

Project # 4

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ID: 1001544591

Pet Store GUI

index.php



AboutUs.php

The screenshot shows a web browser window with two tabs: 'thakur-nishant (Nishant Thakur)' and 'Pet Store'. The main content area displays the 'About Us' page for 'Pet's Store'. The page features a large image of a dog being examined by a vet. To the right of the image, there is a list of services: 'Implantes de Microchip', 'Servicio Adomincilio', 'Traumatología', 'Consultas', 'Vacunas', and 'Cirugías'. Below this is the text 'Medico Veterinario Ramon Ramirez'. The 'Pet's Store' logo is prominently displayed. At the bottom, the address 'Calle San Rafael, entre Guiilerte y Lares Local # 07 - Margarita' and phone number '0295-2337936' are listed. The left sidebar contains links for 'Home', 'About Us', 'Contact Us', 'Client', 'Service', and 'Login'. The bottom of the screen shows a Windows taskbar with various icons and the system tray indicating the date and time.

ContactUs.php

The screenshot shows a web browser window with two tabs: 'thakur-nishant (Nishant Thakur)' and 'Pet Store'. The main content area displays the 'Contact Us' page for 'Pet's Store'. The page features a section titled 'Peinados Adecuados a la Raza' with an image of several dogs. To the right, there is a list of services: 'Baño Sanitario', 'Corte de uñas', 'Limpieza de Oídos', 'Hospedaje Canino', and 'Baño de Belleza'. The 'Pet's Store' logo is shown with the text 'Talleres de Groomer'. Below the logo, the phone number '0295-2337936' and address 'Calle San Rafael, entre Guiilerte y Lares Local # 07 - Margarita' are listed. The left sidebar contains links for 'Home', 'About Us', 'Contact Us', 'Client', 'Service', and 'Login'. The bottom of the screen shows a Windows taskbar with various icons and the system tray indicating the date and time.

Client.php

Pet Store

Home
About Us
Contact Us
Client
Service
Login

Peinados Adecuados a la Raza
Corte con Tijeras
Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Talleres de Groomer

0295-2337936 Calle San Rafael, entre Guillerte y Lares Local # 07 - Margarita

Client

Error creating account! Please try again.
Required information is marked with an asterisk (*)

* First Name:
* Last Name:
* E-mail:
Phone:
Business Name:

Copyright © 2018 Pet Store
nishant@thakur.com

Server.php

Pet Store

Home
About Us
Contact Us
Client
Service
Login

Peinados Adecuados a la Raza
Corte con Tijeras
Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Talleres de Groomer

0295-2337936 Calle San Rafael, entre Guillerte y Lares Local # 07 - Margarita

Service

Error creating account! Please try again.
Required information is marked with an asterisk (*)

* First Name:
* Last Name:
* E-mail:
Phone:
Business Name:

Copyright © 2018 Pet Store
nishant@thakur.com

Login.php

The screenshot shows a web browser window for 'Pet Store' at localhost/Thakur_petstore/Login.php. The page features a header with a logo for 'pet's store' showing dogs and cats, and text for grooming services like 'Peinados Adecuados a la Raza', 'Corte con Tijeras', and 'Talleres de Groomer'. It also lists services in Spanish: 'Baño Sanitario', 'Corte de uñas', 'Limpieza de Oídos', 'Hospedaje Canino', and 'Baño de Belleza'. Below the header is a 'Login' form with fields for 'E-mail' and 'Password', and a 'Submit' button. The footer contains copyright information: 'Copyright © 2018 Pet Store' and 'nishant@thakur.com'. The taskbar at the bottom shows various application icons.

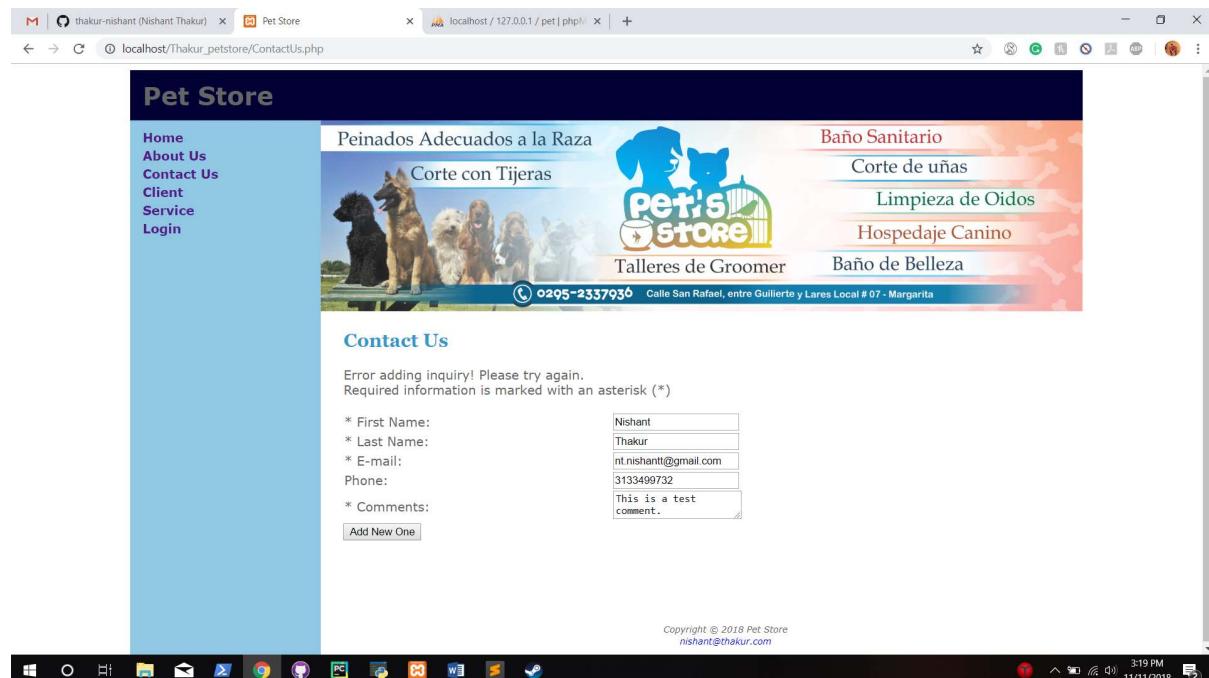
Database

The screenshot shows the 'phpMyAdmin' interface for the 'pet' database at localhost/phpmyadmin/db_structure.php?server=1&db=pet&token=1f7948ef330029534fe1fd210d50c838. The left sidebar shows the database structure with tables: business, business_service, clients, enquiries, roles, service, and users. The main area displays the structure of the 'business' table, which has columns: Action, Rows, Type, Collation, Size, and Overhead. The table contains 16 rows and is InnoDB type with latin1_swedish_ci collation. Below the table, there are buttons for Print, Data dictionary, Create table, and Go. The taskbar at the bottom shows various application icons.

Demo

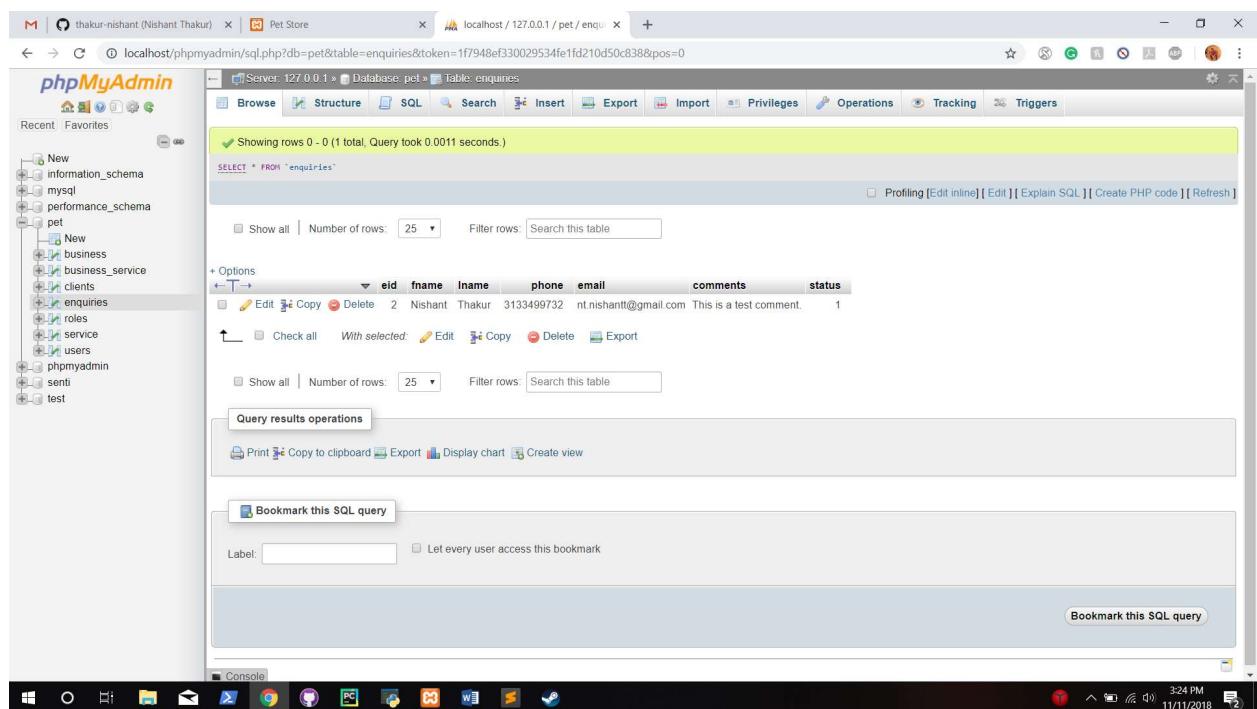
ContactUs

1. Fill form



The screenshot shows a web browser window with two tabs: 'thakur-nishant (Nishant Thakur)' and 'Pet Store'. The 'Pet Store' tab displays a website for 'pet's store' featuring services like grooming, bathing, and pet care. A 'Contact Us' section is present with a form. An error message at the top of the form reads: 'Error adding inquiry! Please try again. Required information is marked with an asterisk (*)'. The form fields include First Name (Nishant), Last Name (Thakur), E-mail (nt.nishant@gmail.com), Phone (3133499732), and Comments ('This is a test comment.'). Below the form is an 'Add New One' button. The status bar at the bottom right shows the date and time as 11/11/2018 and 3:19 PM.

2. Database entry



The screenshot shows a 'phpMyAdmin' interface connected to 'localhost' with the database 'pet'. The 'enquiries' table is selected, displaying one row of data. The table structure includes columns: eid, fname, lname, phone, email, comments, and status. The data in the table is:

	eid	fname	lname	phone	email	comments	status
	2	Nishant	Thakur	3133499732	nt.nishant@gmail.com	This is a test comment.	1

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', 'Check all', and 'With selected:'. The status bar at the bottom right shows the date and time as 11/11/2018 and 3:24 PM.

3. Validation

a. Server-side validation

The screenshot shows a Windows desktop environment with a web browser window open to the 'Contact Us' page of a 'Pet Store' website. The URL in the address bar is `localhost/Thakur_petstore/ContactUs.php`. The page has a dark blue header with the 'Pet Store' logo and navigation links for Home, About Us, Contact Us, Client, Service, and Login. The main content area features a banner with dogs and text about grooming services like 'Peinados Adecuados a la Raza' and 'Corte con Tijeras'. To the right, there's a sidebar for 'Baño Sanitario' with options for nail clipping, ear cleaning, dog boarding, and pet beauty. The 'Contact Us' form includes fields for First Name, Last Name, E-mail, Phone, and Comments, all marked with asterisks (*) as required. An error message at the top states: 'Error! Please try again.' Below it, a note says: 'Required information is marked with an asterisk (*)'. The 'Comments' field is empty and highlighted with a red border, with the word 'Required!' displayed to its right. At the bottom of the form, there's a button labeled 'Add New One'. The status bar at the bottom of the browser window shows the date and time as 11/11/2018 3:51 PM.

b. Client-side validation

This screenshot shows the same 'Pet Store' Contact Us page as above, but with client-side validation errors. The browser window is identical, showing the URL `localhost/Thakur_petstore/ContactUs.php`. The page layout and sidebar are the same. The 'Comments' field in the contact form is now empty and highlighted with a yellow border, indicating a validation error. A tooltip message 'Please fill out this field.' appears over the empty input field. The rest of the page content and styling are identical to the server-side validation screenshot.

Client

1. Fill Form

Pet Store

Peinados Adecuados a la Raza
Corte con Tijeras

pet's store
Talleres de Groomer

Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Client

Required information is marked with an asterisk (*)

* First Name:
* Last Name:
* E-mail:
Phone:
Business Name:

Copyright © 2018 Pet Store
nishant@thakur.com

2. On submit

Pet Store

Peinados Adecuados a la Raza
Corte con Tijeras

pet's store
Talleres de Groomer

Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Client

Client added Successful! Please check your mail for password to login to your account!

Required information is marked with an asterisk (*)

* First Name:
* Last Name:
* E-mail:
Phone:
Business Name:

Copyright © 2018 Pet Store
nishant@thakur.com

3. Database entry

a. Client table entry

The screenshot shows the phpMyAdmin interface for the 'pet' database. The left sidebar shows various schemas and tables. The main area displays the 'clients' table with one row:

clientid	fname	Iname	phone	email	serviceid	userid
8	Nishant	Thakur	3133499732	nt.nishant@gmail.com	0	10

Below the table, there are buttons for Edit, Copy, Delete, and Export.

b. Users table entry

The screenshot shows the phpMyAdmin interface for the 'pet' database. The left sidebar shows various schemas and tables. The main area displays the 'users' table with one row:

userid	password	email	roleid
10	1234567	nt.nishant@gmail.com	1

Below the table, there are buttons for Edit, Copy, Delete, and Export.

4. Validation

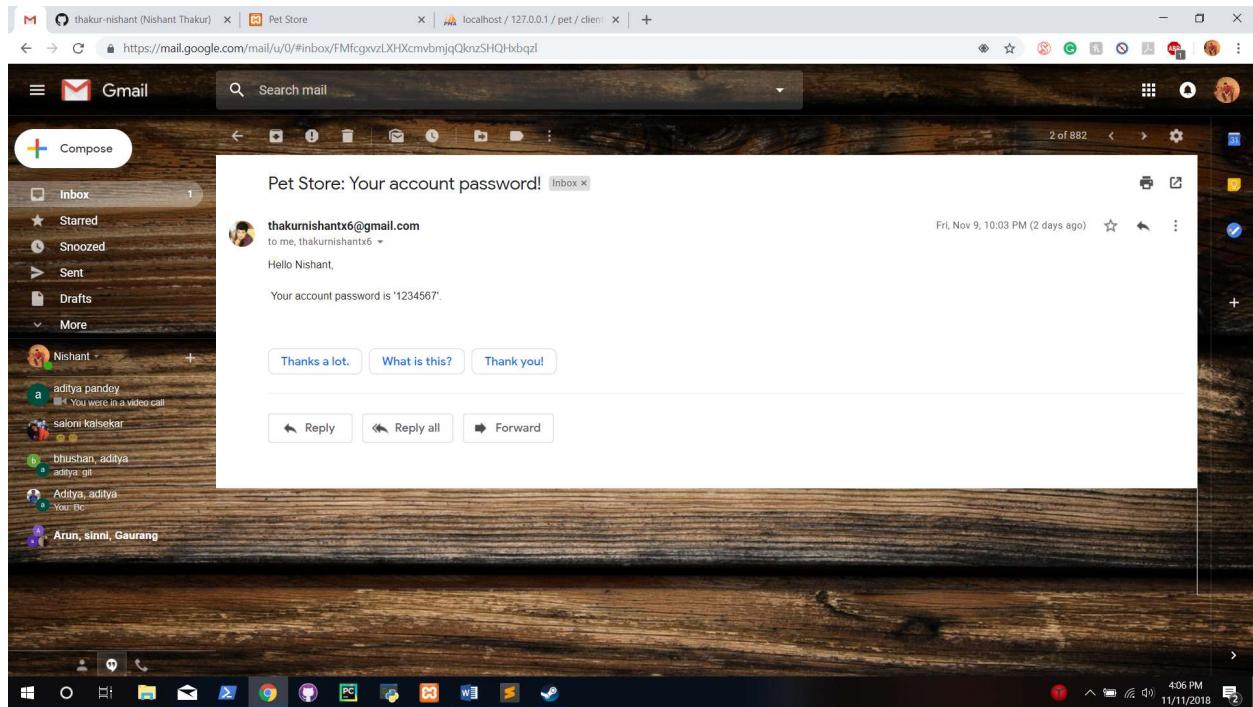
a. Server-side validation

The screenshot shows a web browser window for a 'Pet Store' client-side validation page. The URL is `localhost / 127.0.0.1 / pet / client`. The page has a dark blue header with the title 'Pet Store'. On the left, there's a sidebar with links: Home, About Us, Contact Us, Client, Service, and Login. The main content area features a banner with dogs and the text 'Peinados Adecuados a la Raza' and 'Corte con Tijeras'. To the right is a sidebar with services: Baño Sanitario (Corte de uñas, Limpieza de Oídos, Hospedaje Canino, Baño de Belleza). Below the banner is a form titled 'Client' with fields for First Name, Last Name, E-mail, Phone, and Business Name, all marked as required with red text. A 'Submit' button is at the bottom. The footer contains copyright information: 'Copyright © 2018 Pet Store' and 'nishant@thakur.com'. The taskbar at the bottom shows various application icons.

b. Client-side validation

This screenshot shows the same 'Pet Store' client-side validation page as above, but with a validation error. The 'E-mail' field is empty, and a red box with an exclamation mark and the message 'Please fill out this field.' appears over it. The rest of the page structure is identical to the first screenshot, including the sidebar, banner, sidebar services, and footer.

5. Email notification of password.



Service

1. Fill form

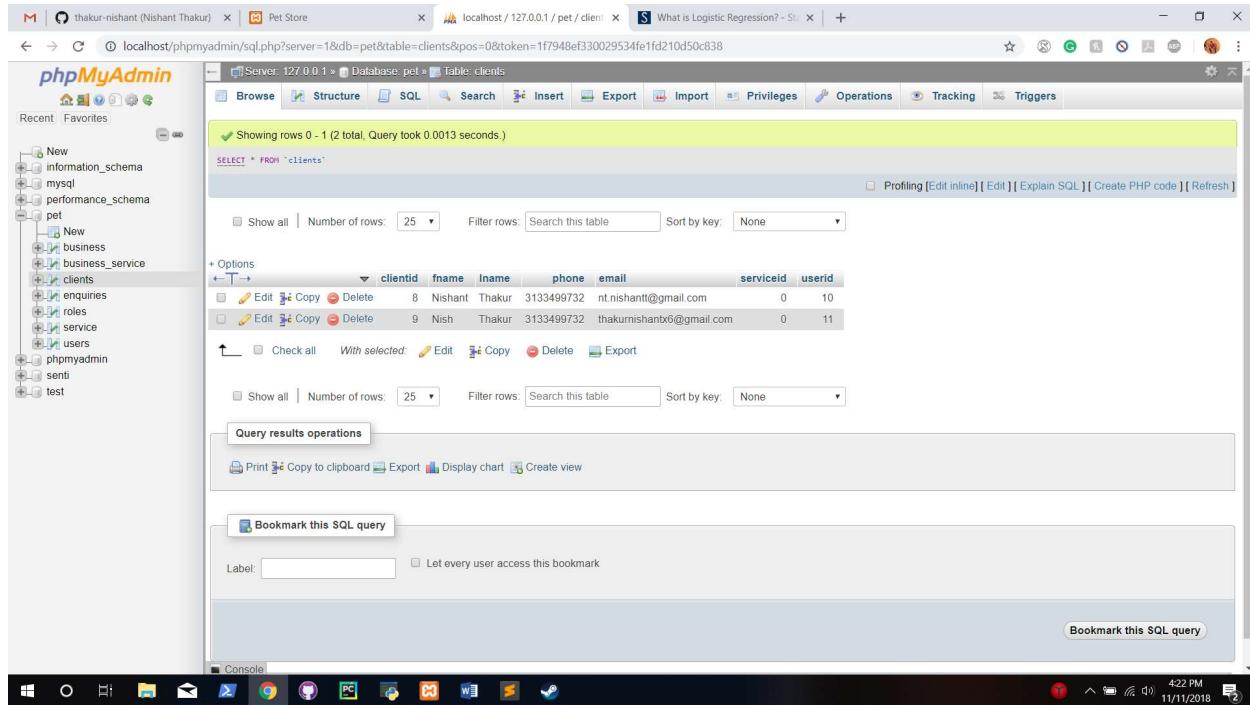
The screenshot shows a web browser window with the URL localhost/Thakur_petstore/Service.php. The page title is "Pet Store". On the left, there's a sidebar with links: Home, About Us, Contact Us, Client, Service, and Login. The main content area has a header "Peinados Adecuados a la Raza" with a sub-section "Corte con Tijeras" and a photo of several dogs. To the right is a sidebar with services: Baño Sanitario (Corte de uñas, Limpieza de Oídos, Hospedaje Canino, Baño de Belleza). Below the header is the logo "pet's store" and "Talleres de Groomer". A phone number "0295-2337936" and address "Calle San Rafael, entre Guillerte y Lares Local # 07 - Margarita" are listed. The central part of the page is titled "Service" and contains a form for adding a business. It includes fields for First Name (Nish), Last Name (Thakur), E-mail (nishant@thakur.com), Phone (3133499732), and Business Name (thakur business). A "Submit" button is at the bottom of the form. At the bottom of the page, it says "Copyright © 2018 Pet Store nishant@thakur.com". The taskbar at the bottom shows various application icons.

2. On Submit

The screenshot shows the same web browser window after the form has been submitted. The message "Business added Successful! Please check your mail for password to login to your account!" is displayed in red at the top of the service section. The rest of the page content is identical to the previous screenshot, including the sidebar, header, sidebar services, and footer copyright information. The taskbar at the bottom remains the same.

3. Database entry

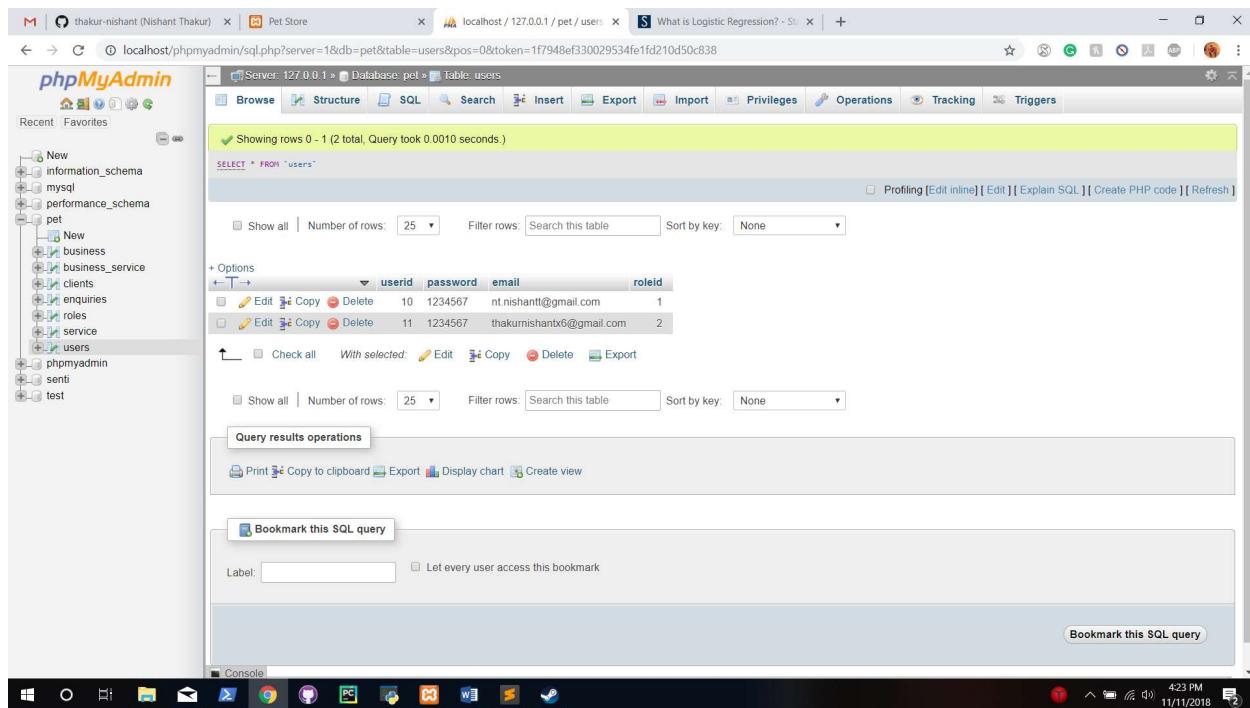
a. Client entry



The screenshot shows the phpMyAdmin interface for the 'clients' table in the 'pet' database. The table has columns: clientid, fname, lname, phone, email, serviceid, and userid. There are two rows of data:

clientid	fname	lname	phone	email	serviceid	userid
8	Nishant	Thakur	3133499732	nt.nishant@gmail.com	0	10
9	Nish	Thakur	3133499732	thakurnishantx6@gmail.com	0	11

b. User entry with roleid = 2



The screenshot shows the phpMyAdmin interface for the 'users' table in the 'pet' database. The table has columns: userid, password, email, and roleid. There are two rows of data:

userid	password	email	roleid
10	1234567	nt.nishant@gmail.com	1
11	1234567	thakurnishantx6@gmail.com	2

4. Validation

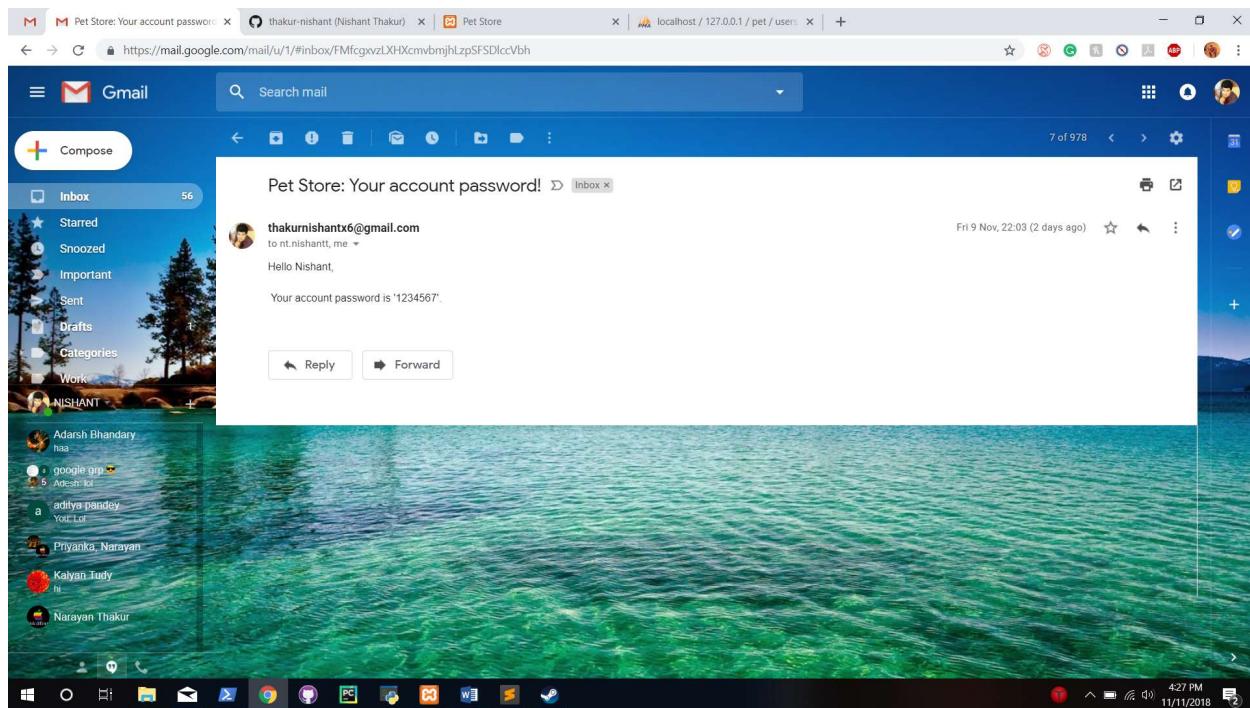
a. Server-side validation

The screenshot shows a web browser window with the URL `localhost/Thakur_petstore/Service.php`. The page title is "Pet Store". On the left, there's a sidebar with links: Home, About Us, Contact Us, Client, Service, and Login. The main content area features a banner with dogs and the text "Peinados Adecuados a la Raza" and "Corte con Tijeras". To the right, there's a sidebar with services: Baño Sanitario (Corte de uñas, Limpieza de Oídos, Hospedaje Canino, Baño de Belleza). Below the banner, there's a form titled "Service" with fields for First Name, Last Name, E-mail, Phone, and Business Name. The "First Name" field has a red border and the text "Required!". At the bottom, there's a copyright notice: "Copyright © 2018 Pet Store nishant@thakur.com".

b. Client-side validation

This screenshot is identical to the one above, showing the same Pet Store website. However, the "First Name" field now has a red border and a small tooltip message "Please fill out this field." appears above it, indicating client-side validation.

5. E-mail notification



Login

- Client Login demo

1. Fill form

The screenshot shows a web browser window with three tabs open. The active tab is 'localhost / 127.0.0.1 / pet / users' containing the Pet Store login form. The left sidebar has links for Home, About Us, Contact Us, Client Service, and Login. The main content area features a banner for 'Peinados Adecuados a la Raza' and 'Corte con Tijeras'. It includes the Pet's Store logo and contact information: phone number 0295-2337936 and address Calle San Rafael, entre Guillermo y Lares Local # 07 - Margarita. On the right, there are links for 'Baño Sanitario', 'Corte de uñas', 'Limpieza de Oídos', 'Hospedaje Canino', and 'Baño de Belleza'. Below the banner, the 'Login' form is displayed with fields for E-mail (nt.nishant@gmail.com) and Password (*****). A 'Submit' button is present. At the bottom, copyright information reads 'Copyright © 2018 Pet Store nishant@thakur.com'.

2. On Submit: Client's Pet Store

The screenshot shows a web browser window with three tabs open. The active tab is 'localhost / 127.0.0.1 / pet / users' containing the Client's Pet Store 'My Pet' form. The left sidebar has links for Change Password and Logout. The main content area features a banner for 'Peinados Adecuados a la Raza' and 'Corte con Tijeras'. It includes the Pet's Store logo and contact information: phone number 0295-2337936 and address Calle San Rafael, entre Guillermo y Lares Local # 07 - Margarita. On the right, there are links for 'Baño Sanitario', 'Corte de uñas', 'Limpieza de Oídos', 'Hospedaje Canino', and 'Baño de Belleza'. Below the banner, the 'My Pet' form is displayed with fields for Client Name (empty), *My Pet (empty), and Add New One (button). A note states 'Required information is marked with an asterisk (*)'. At the bottom, copyright information reads 'Copyright © 2018 Pet Store nishant@thakur.com'.

3. Change password of the account

The screenshot shows a web browser window for the 'Pet Store' website. The URL is `localhost/Thakur_petstore/Change_password.php`. The page title is 'Change Password'. A message at the top says 'Error! Please try again.' Below it, 'Required information is marked with an asterisk (*)'. There are two input fields: '*New Password:' and '*Confirm New Password:', both containing '*****'. A 'Submit' button is below them. The page includes a sidebar with services like 'Peinados Adecuados a la Raza', 'Corte con Tijeras', 'Baño Sanitario', etc., and a footer with copyright information.

Password change in database

The screenshot shows a 'phpMyAdmin' interface connected to a MySQL database named 'pet'. The current table is 'users'. The table structure has columns: userid, password, email, and roleid. Two rows are visible:

	userid	password	email	roleid
<input type="checkbox"/>	10	abc12345	nt.nishant@gmail.com	1
<input type="checkbox"/>	11	1234567	thakurnishant6@gmail.com	2

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', 'Tracking', and 'Triggers'. At the bottom, there are sections for 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view) and 'Bookmark this SQL query' (Label, Let every user access this bookmark, Bookmark this SQL query).

4. On Logout it takes you to the homepage of the Pet Store.

The screenshot shows a Microsoft Edge browser window with the URL localhost/Thakur_petstore/index.php. The page title is "Pet Store". The left sidebar contains links for Home, About Us, Contact Us, Client Service, and Login. The main content area features a banner with several dogs and the text "Peinados Adecuados a la Raza" and "Corte con Tijeras". To the right of the banner is the "Pet's Store" logo. Below the banner, there are sections for "Baño Sanitario" (with sub-links for Corte de uñas, Limpieza de Oídos, Hospedaje Canino, and Baño de Belleza) and "Talleres de Groomer". At the bottom of the page, there is a phone number (0295-2337936), an address (Calle San Rafael, entre Guillerte y Lares Local # 07 - Margarita), and copyright information (Copyright © 2018 Pet Store nishant@thakur.com). The taskbar at the bottom shows various application icons.

5. Validation

The screenshot shows a Microsoft Edge browser window with the URL localhost/Thakur_petstore/Login.php. The page title is "Pet Store". The left sidebar contains links for Home, About Us, Contact Us, Client Service, and Login. The main content area features a banner with several dogs and the text "Peinados Adecuados a la Raza" and "Corte con Tijeras". To the right of the banner is the "Pet's Store" logo. Below the banner, there are sections for "Baño Sanitario" (with sub-links for Corte de uñas, Limpieza de Oídos, Hospedaje Canino, and Baño de Belleza) and "Talleres de Groomer". At the bottom of the page, there is a phone number (0295-2337936), an address (Calle San Rafael, entre Guillerte y Lares Local # 07 - Margarita), and copyright information (Copyright © 2018 Pet Store nishant@thakur.com). The main content area displays a "Login" form with fields for "E-mail" and "Password", both of which are marked as required with red text. The taskbar at the bottom shows various application icons.

If email and password do not match

The screenshot shows a web browser window with two tabs open. The active tab is titled "Pet Store" and displays the URL "localhost / 127.0.0.1 / pet / user". The page itself is the login page for "Pet's Store". The left sidebar contains links for Home, About Us, Contact Us, Client Service, and Login. The main content area features a banner with several dogs and text for grooming services like "Peinados Adecuados a la Raza" and "Corte con Tijeras". To the right of the banner is a sidebar with services like "Baño Sanitario" and "Corte de uñas". Below the banner, there is a "Login" form with fields for E-mail and Password, and a "Submit" button. An error message at the top of the form reads: "E-mail or password did not match. Please try again! Required information is marked with an asterisk (*)". At the bottom of the page, copyright information states "Copyright © 2018 Pet Store nishant@thakur.com". The Windows taskbar at the bottom shows various pinned icons.

- **Business Login Demo**

1. Fill form

The screenshot shows a web browser window with two tabs open. The active tab is titled "Pet Store" and displays the login form for "Pet's Store". The left sidebar contains links for Home, About Us, Contact Us, Client Service, and Login. The main content area features a banner with dogs and text for grooming services like "Peinados Adecuados a la Raza" and "Corte con Tijeras". On the right, there's a sidebar with services like Baño Sanitario, Corte de uñas, Limpieza de Oídos, Hospedaje Canino, and Baño de Belleza. The footer includes a phone number (0295-2337936), address (Calle San Rafael, entre Guillermo y Lares Local # 07 - Margarita), and copyright information (Copyright © 2018 Pet Store, nishant@thakur.com). The taskbar at the bottom shows various application icons.

2. On submit: Business's Pet Store

The screenshot shows a web browser window with two tabs open. The active tab is titled "Business's Pet Store" and displays the "My Business" section. The left sidebar has links for Change Password and Logout. The main content area shows the same banner and sidebar as the previous screenshot, but the "My Business" section is now visible. It includes fields for Business Name and Service, with a "Add New One" button. The footer and taskbar are identical to the previous screenshot.

3. Change password option

The screenshot shows a web browser window for a Pet Store. The title bar includes tabs for 'Pet Store: Your account password', 'localhost/Thakur_petstore/Change_password.php', and 'localhost / 127.0.0.1 / pet / user'. The main content area features a header with the 'Pet Store' logo and a banner showing various dog breeds. On the right, there's a sidebar with services like 'Baño Sanitario', 'Corte de uñas', etc. The central part is titled 'Change Password' with fields for 'New Password' and 'Confirm New Password'. The status bar at the bottom shows the date and time: 5:49 PM, 11/11/2018.

On successful: GO BACK to Business's Pet store

This screenshot is identical to the one above, but it includes a success message: 'Successfully changes the password!' above the password input fields. The rest of the interface, including the sidebar services and the status bar, remains the same.

Database state when password change.

userid	password	email	roleid
10	abc12345	nt.nishant@gmail.com	1
11	87654321	thakumishantb@gmail.com	2

4. On logout it will take you to Home page of Pet store just like Client Logout.

Pet Store

Peinados Adecuados a la Raza
Corte con Tijeras

Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Enjoy your Pets in our Island

Pets Store offers a special experience on dealing with your pet's needs on the Island. Relax in serenity with our experts taking care of all your pet's need.

- Grooming
- Vaccines
- Implants
- Dental Cleaning
- Travel Documents

Pet Store
1999 All Pet Road
Round Rock, TX 95555
888-555-5555

Copyright © 2018 Pet Store
nishant@thakur.com

5. Validation

■ Server-side validation

Pet Store

Home
About Us
Contact Us
Client Service
Login

Peinados Adecuados a la Raza
Corte con Tijeras

pet's store
Talleres de Groomer

0295-2337936 Calle San Rafael, entre Guillerite y Lares Local # 07 - Margarita

Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Copyright © 2018 Pet Store
nishant@thakur.com

■ Client-side validation

Pet Store

Home
About Us
Contact Us
Client Service
Login

Peinados Adecuados a la Raza
Corte con Tijeras

pet's store
Talleres de Groomer

0295-2337936 Calle San Rafael, entre Guillerite y Lares Local # 07 - Margarita

Baño Sanitario
Corte de uñas
Limpieza de Oídos
Hospedaje Canino
Baño de Belleza

Copyright © 2018 Pet Store
nishant@thakur.com

Code Snippets:

DB Connection

```
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "pet";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
```

Contact Us insert code:

```
$sql = "INSERT INTO enquiries (fname, lname, phone, email, comments) VALUES (?, ?, ?, ?, ?)";

// prepare and bind
$stmt = $conn->prepare($sql);
$stmt->bind_param("ssiss", $fname, $lname, $phone, $email, $comments);

// execute
if($stmt->execute()){
    $message = "Your inquiry has been added. We'll get back to you soon!";
}
else
    $message = "Error! Please try again.";
```

Add new user, insert code:

```
$sql = "INSERT INTO users (email, password, roleid) VALUES (?, ?, ?)";

// prepare and bind
$stmt = $conn->prepare($sql);
$stmt->bind_param("ssi", $email, $password, $roleid);

// set parameters and execute
$password = "1234567";
$roleid = 1; // 1 for client role; 2 for business role;
$stmt->execute();
```

Sending mail code:

First need to configure your SMTP details in sendmail.ini file to send emails. Then use the below code to send mails directly.

```
// send email to user which is created
$to = $email;
$subject = "Pet Store: Your account password!";
$txt = "Hello ".$fname.",\n\n Your account password is '1234567'.";
$headers = "From: nishant@thakur.com" . "\r\n" .
"CC: thakurnishantx6@gmail.com";

mail($to,$subject,$txt,$headers);
```

Server-side validation code for Client page

```
$validation = True;

if($_POST['fname'] != ""){
    $fname = $_POST['fname'];
}
else {
    $fn_error = "<i style='color: red;'>Required!</i>";
    $validation = False;
}
if($_POST['lname'] != ""){
    $lname = $_POST['lname'];
}
else {
    $ln_error = "<i style='color: red;'>Required!</i>";
    $validation = False;
}
if($_POST['email'] != ""){
    $email = $_POST['email'];
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $em_error = "<i style='color: red;'>Invalid email format</i> ";
        $validation = False;
    }
}
else {
    $em_error = "<i style='color: red;'>Required!</i>";
    $validation = False;
}
```

Updating password:

```
if ($_POST['password'] == $_POST['cpassword']) {  
    $sql = "UPDATE users SET password = '".$_POST['password']."' WHERE userid = ".$_SESSION['userid'];  
  
    if ($conn->query($sql) === TRUE){  
        $message = "Successfully changes the password!";  
    }  
}  
else {  
    $message = "Passwords did not match!";  
}
```

Login code to channel user according to their role:

```
$sql = "SELECT userid, roleid, email FROM users WHERE email='".$_POST['email']."' AND password='".$_POST['password']."'";  
$result = $conn->query($sql);  
  
if ($result->num_rows > 0) {  
    $row = $result->fetch_assoc();  
    $sql = "SELECT fname, lname from clients where userid='".$row['userid']."'";  
    $result = $conn->query($sql);  
    $row1 = $result->fetch_assoc();  
  
    // set the session variables  
    $_SESSION['roleid'] = $row['roleid'];  
    $_SESSION['userid'] = $row['userid'];  
    $_SESSION['fname'] = $row1['fname'];  
    $_SESSION['lname'] = $row1['lname'];  
    $_SESSION['email'] = $row['email'];  
  
    if ($row['roleid'] == 1){  
        header('Location: /Thakur_petstore/Client_login.php');  
    }  
    else {  
        header('Location: /Thakur_petstore/Business_login.php');  
    }  
}  
else{  
    $message = "E-mail or password did not match. Please try again!";  
}
```

SQL queries to create table for DB Pet:

```
CREATE DATABASE Pet;
```

1. Business

```
CREATE TABLE `business` (
  `businessid` int(11) NOT NULL AUTO_INCREMENT,
  `bname` varchar(100) NOT NULL,
  PRIMARY KEY (`businessid`)
)
```

2. Roles

```
CREATE TABLE `roles` (
  `roleid` int(11) NOT NULL AUTO_INCREMENT,
  `description` varchar(255) NOT NULL,
  PRIMARY KEY (`roleid`)
)
```

3. Users

```
CREATE TABLE `users` (
  `userid` int(11) NOT NULL AUTO_INCREMENT,
  `password` varchar(100) NOT NULL,
  `email` varchar(100) NOT NULL,
  `roleid` int(11) NOT NULL,
  PRIMARY KEY (`userid`)
)
```

4. Enquiries (for Contact Us)

```
CREATE TABLE `enquiries` (
  `eid` int(11) NOT NULL AUTO_INCREMENT,
  `fname` varchar(50) NOT NULL,
  `lname` varchar(50) NOT NULL,
  `phone` bigint(11),
  `email` varchar(100) NOT NULL,
  `comments` varchar(255) NOT NULL,
  `status` int(11) NOT NULL DEFAULT '1',
  PRIMARY KEY (`eid`)
)
```

5. Client

```
CREATE TABLE `clients` (
  `clientid` int(11) NOT NULL AUTO_INCREMENT,
  `fname` varchar(50) NOT NULL,
  `lname` varchar(50) NOT NULL,
  `phone` bigint(11),
  `email` varchar(100) NOT NULL,
  `serviceid` int(11),
  `userid` int(11) NOT NULL,
  PRIMARY KEY (`clientid`)
)
```

6. Service

```
CREATE TABLE `service` (
  `serviceid` int(11) NOT NULL AUTO_INCREMENT,
  `service_description` varchar(255) NOT NULL,
  PRIMARY KEY (`serviceid`)
)
```

7. Business_service

```
CREATE TABLE `business_service` (
  `businessid` int(11) NOT NULL,
  `userid` int(11) NOT NULL,
  `serviceid` int(11) NOT NULL
)
```