Submission Worksheet

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https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-milestone-1-2024/grade/dsp82

IT202-008-S2024 - [IT202] Milestone 1 2024

Submissions:

Submission Selection

1 Submission [active] 4/2/2024 2:49:53 PM

Instructions

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Prereqs:

Go through each lesson from "Project Setup and SQL" to "User Login Enhancement" and follow the branching names while gathering the code
- Merge each into Milestone1 branch
- Mark the related GitHub Issues items as "done"

Implement your own custom CSS (something much different than the default "ugly" CSS given as an example)
- Consider styling all forms/inputs, data output, navigation, etc

Implement JavaScript validation on Register, Logout, and Profile (include "[Client]" in the output messages to differentiate between server-side validations)

Instructions:

Make sure you're in Milestone1 with the latest changes pulled
Ensure Milestone1 has been deployed to heroku dev
Gather the requested evidence and fill in the explanations per each prompt
Save the submission and generate the output PDF
Put the output PDF into your local repository folder
add/commit/push it to GitHub
Merge Milestone1 into dev
Locally checkout dev and pull the changes
Create and merge a pull request from dev to prod to deploy Milestone1 to prod
Upload this output PDF to Canvas

Branch name: Milestone1

Tasks: 26 Points: 10.00

User Registration (2 pts.)

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Task #1 - Points: 1

Text: Screenshot of form on website page

Checklist

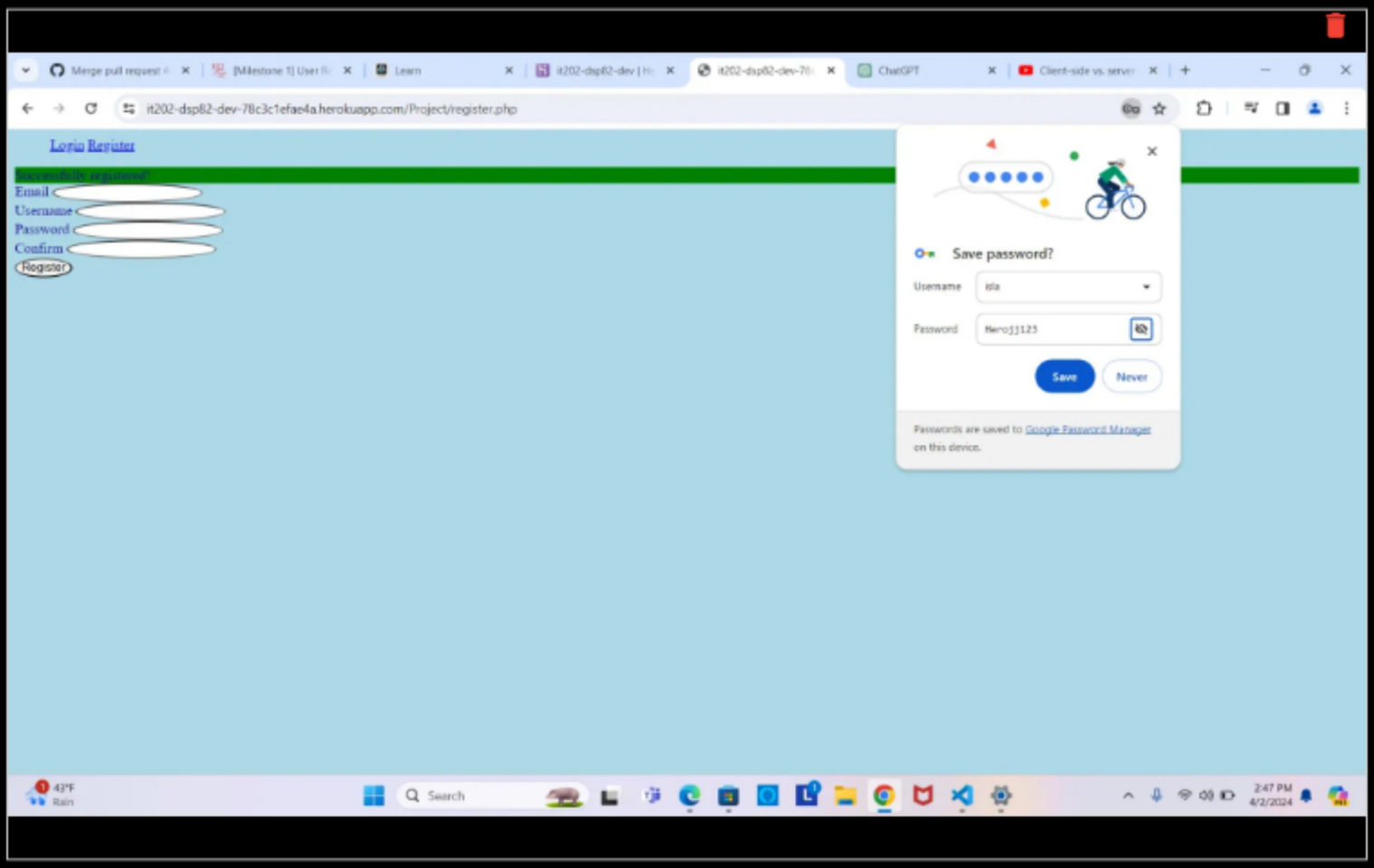
*The checkboxes are for your own tracking

#	Points	Details
#1	1	Heroku dev url should be present in the address bar
#2	1	Should have thoughtful CSS applied
#3	1	Demonstrate JavaScript validation for each field [can be combined] (email validation (format), username validation (format), password validation (format), password and confirm password matching, and each field being required
#4	1	Demonstrate email already in use message (message text doesn't need to be exact, but should be clear)
#5	1	Demonstrate username already in use message (message text doesn't need to be exact, but should be clear)
#6	1	Demonstrate user-friendly message of new account being created

Task Screenshots:

Gallery Style: Large View

Small Medium Large



User registration

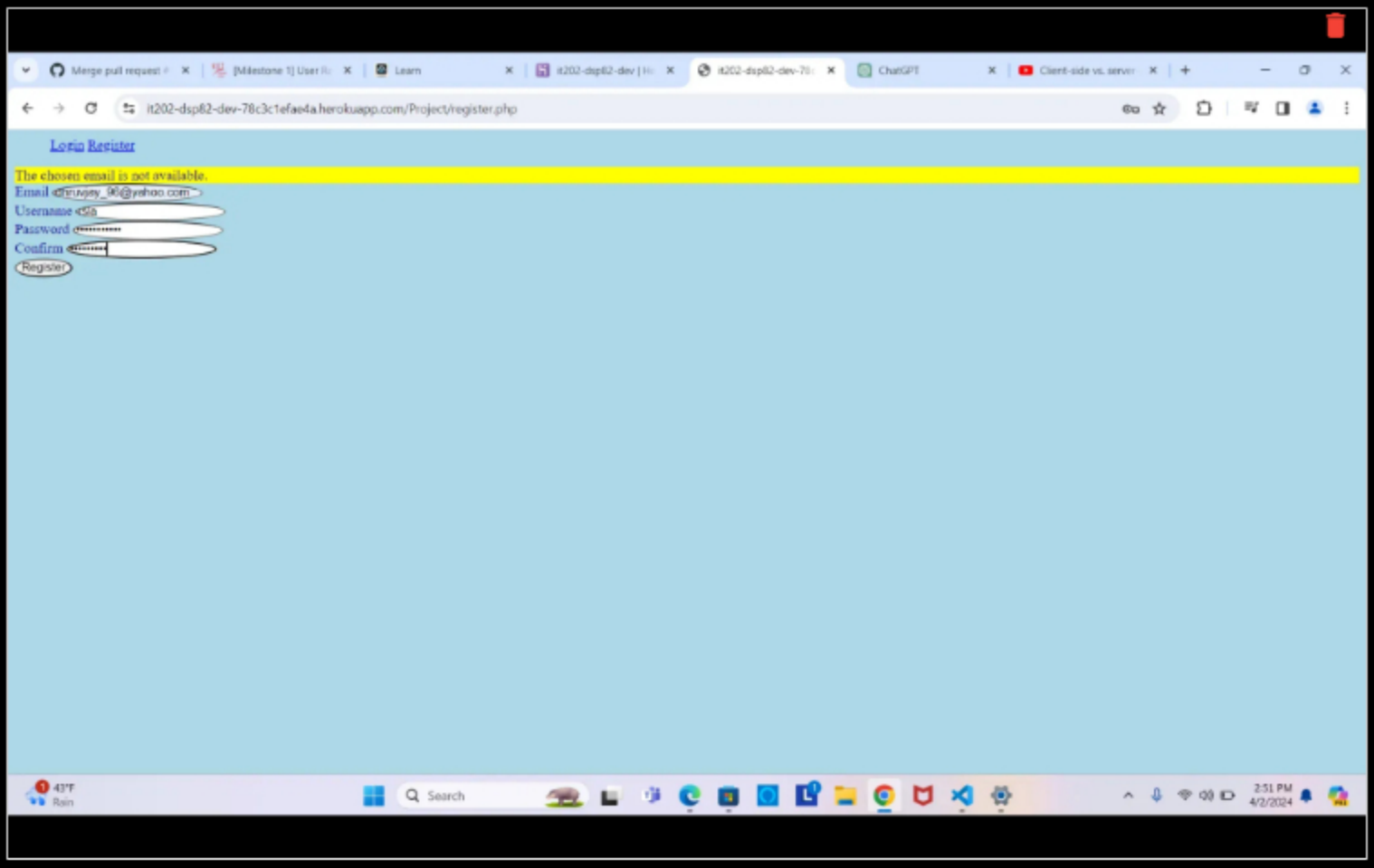
Checklist Items (4)

#1 Heroku dev url should be present in the address bar

#2 Should have thoughtful CSS applied

#3 Demonstrate JavaScript validation for each field [can be combined] (email validation (format), username validation (format), password validation (format), password and confirm password matching, and each field being required

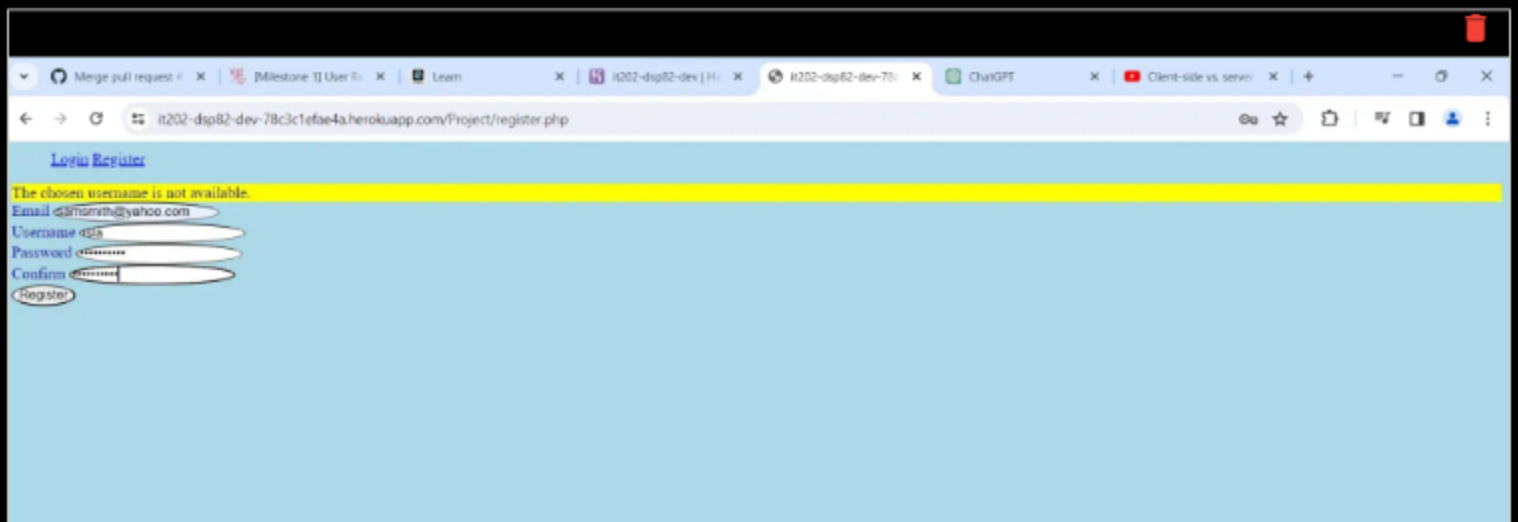
#6 Demonstrate user-friendly message of new account being created



Email in use

Checklist Items (1)

#4 Demonstrate email already in use message (message text doesn't need to be exact, but should be clear)



Username in use

Checklist Items (1)

#5 Demonstrate username already in use message (message text doesn't need to be exact, but should be clear)

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Task #2 - Points: 1

Text: Screenshot of the form code

Details:

Should have appropriate input types for the fiel

Task Screenshots:

Gallery Style: Large View

Small Medium Large

```
</form>
<script>
    //dsp82 4/2/2024
    function validate(form) {
        var email = form.email.value;
        var username = form.username.value;
        var password = form.password.value;
        var confirm = form.confirm.value;

        var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
        var usernameRegex = /^[a-zA-Z0-9_-]{3,16}$/;
        var passwordRegex = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}$/;

        if (!emailRegex.test(email)) {
            alert("Please enter a valid email address.");
            return false;
        }

        if (!usernameRegex.test(username)) {
            alert("Username must only contain 3-16 characters a-z, 0-9, _, or -");
            return false;
        }

        if (!passwordRegex.test(password)) {
            alert("Password must be at least 8 characters long and contain at least one digit, one lowercase letter, and one uppercase letter.");
            return false;
        }

        if (password !== confirm) {
            alert("Passwords do not match.");
            return false;
        }
```

```
        return true;
    }
</script>
```

Form validation code in register.php

COLLAPSE

Task #3 - Points: 1

Text: Screenshot of the client-side and server-side validation code

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Show the JavaScript validations (include any extra files related)
#2	1	Show the PHP validations (include any lib content)
#3	1	Include ucid/date code comments in all screenshots (one per screenshot is sufficient)

Task Screenshots:

Gallery Style: Large View

Small Medium Large

```
</form>
<script>
    //dsp82 4/2/2024
    function validate(form) {
        var email = form.email.value;
        var username = form.username.value;
        var password = form.password.value;
        var confirm = form.confirm.value;

        var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
        var usernameRegex = /^[a-zA-Z0-9_-]{3,16}$/;
        var passwordRegex = /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}$/;

        if (!emailRegex.test(email)) {
            alert("Please enter a valid email address.");
            return false;
        }

        if (!usernameRegex.test(username)) {
            alert("Username must only contain 3-16 characters a-z, 0-9, _, or -");
            return false;
        }

        if (!passwordRegex.test(password)) {
            alert("Password must be at least 8 characters long and contain at least one digit, one lowercase letter, and one uppercase letter.");
            return false;
        }

        if (password !== confirm) {
            alert("Passwords do not match.");
            return false;
        }

        return true;
    }
</script>
```

Javascript validation

Checklist Items (0)

```
<?php
//dsp82 /4/2/2024
```

```php
//TODO 2: add PHP Code
if (isset($_POST["email"]) && isset($_POST["password"]) && isset($_POST["confirm"]) && isset($_POST["username"])) {
    $email = se($_POST, "email", "", false);
    $password = se($_POST, "password", "", false);
    $confirm = se($_POST, "confirm", "", false);
    $username = se($_POST, "username", "", false);
    //TODO 3
    $hasError = false;
    if (empty($email)) {
        flash("Email must not be empty", "danger");
        $hasError = true;
    }
    //sanitize
    $email = sanitize_email($email);
    //validate
    if (!is_valid_email($email)) {
        flash("Invalid email address", "danger");
        $hasError = true;
    }
    if (!is_valid_username($username)) {
        flash("Username must only contain 3-16 characters a-z, 0-9, _, or -", "danger");
        $hasError = true;
    }
    if (empty($password)) {
        flash("password must not be empty", "danger");
        $hasError = true;
    }
    if (empty($confirm)) {
        flash("Confirm password must not be empty", "danger");
        $hasError = true;
    }
    if (!is_valid_password($password)) {
        flash("Password too short", "danger");
        $hasError = true;
    }
```

php validation1

Checklist Items (0)

```php
c_html > Project > register.php
if (isset($_POST["email"]) && isset($_POST["password"]) && isset($_POST["confirm"]) && isset($_POST["username"])) {
    if (empty($password)) {
        flash("password must not be empty", "danger");
        $hasError = true;
    }
    if (empty($confirm)) {
        flash("Confirm password must not be empty", "danger");
        $hasError = true;
    }
    if (!is_valid_password($password)) {
        flash("Password too short", "danger");
        $hasError = true;
    }
    if (
        strlen($password) > 0 && $password !== $confirm
    ) {
        flash("Passwords must match", "danger");
        $hasError = true;
    }
    if (!$hasError) {
        //TODO 4
        $hash = password_hash($password, PASSWORD_BCRYPT);
        $db = getDB();
        $stmt = $db->prepare("INSERT INTO Users (email, password, username) VALUES(:email, :password, :username)");
        try {
            $stmt->execute([":email" => $email, ":password" => $hash, ":username" => $username]);
            flash("Successfully registered!", "success");
        } catch (Exception $e) {
            users_check_duplicate($e->errorInfo);
        }
    }
}
?>
<?php
require(__DIR__ . "/../../partials/flash.php");
?>
```

php validation2

Checklist Items (0)

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Task #4 - Points: 1

Text: Screenshot of the Users table with a valid user entry

Checklist

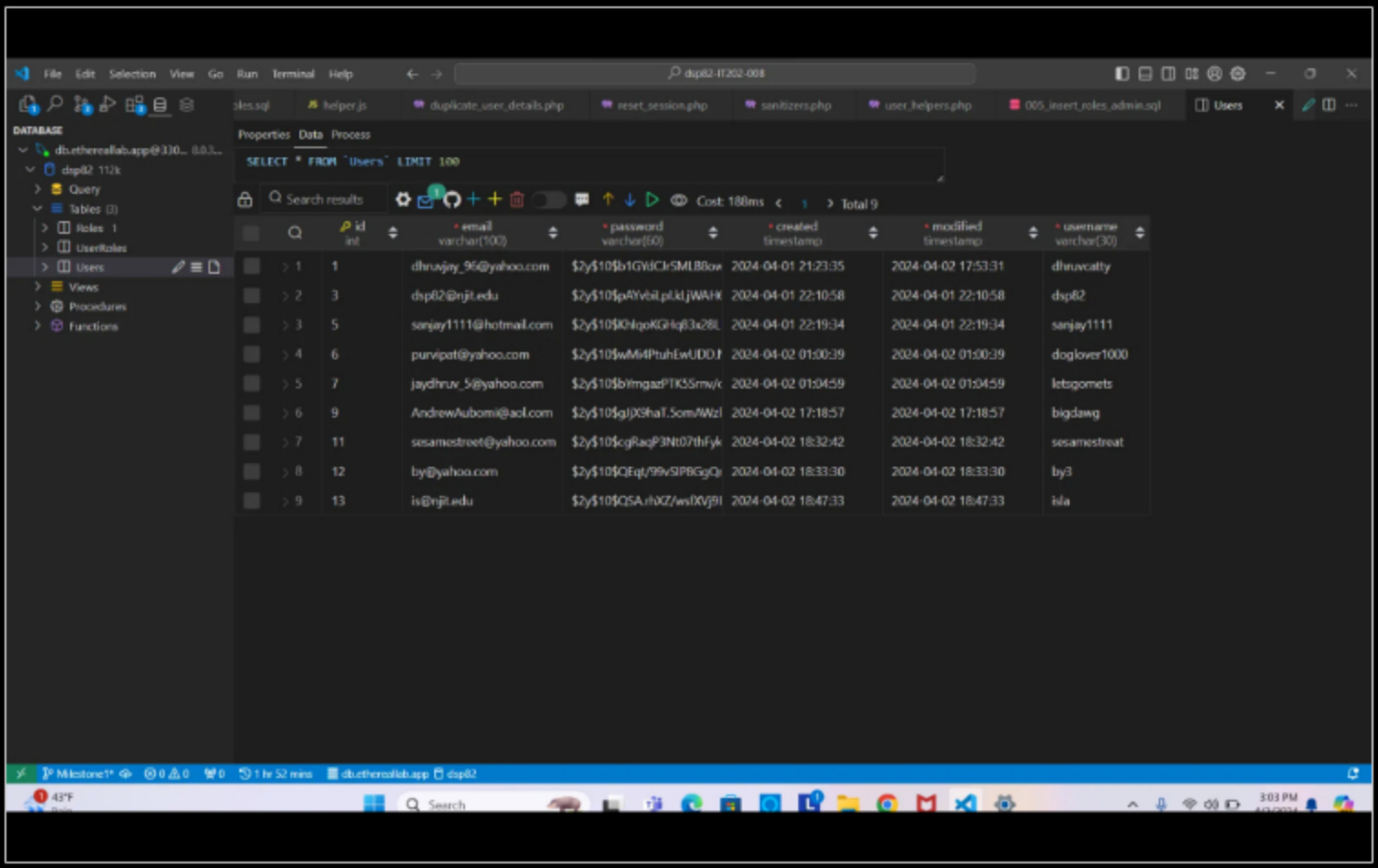
*The checkboxes are for your own tracking

#	Points	Details
#1	1	Password should be hashed
#2	1	Should have email, password, username (unique), created, modified, and id fields
#3	1	Ensure left panel or database name is present (should contain your ucid)

Task Screenshots:

Gallery Style: Large View

Small Medium Large



Users table

Checklist Items (0)

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Task #5 - Points: 1

Text: Explain the registration logic in a step-by-step manner from when the page loads to when the data is saved to the DB

Details:
Don't just show code, translate things to plain English

Response:

Registration process begins with user filling out form, which will go through client side validation and then server side. The server side php script sanitizes and validates data, ensuring all data meets the required criteria. Any errors prompt an error message, while successful validation leads to the data being stored in the database as a secured hash. Successful registration allows users to login with said credentials.

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Task #6 - Points: 1

Text: Include pull request links related to this feature

Details:
Should end in /pull/#

URL #1
https://github.com/dsp82njit/dsp82-IT202-008/pull/35

URL #2
https://github.com/dsp82njit/dsp82-IT202-008/pull/40

URL #3
https://github.com/dsp82njit/dsp82-IT202-008/pull/44

User Login (2 pts.)

COLLAPSE

Task #1 - Points: 1

Text: Screenshot of form on website page

Checklist

*The checkboxes are for your own tracking

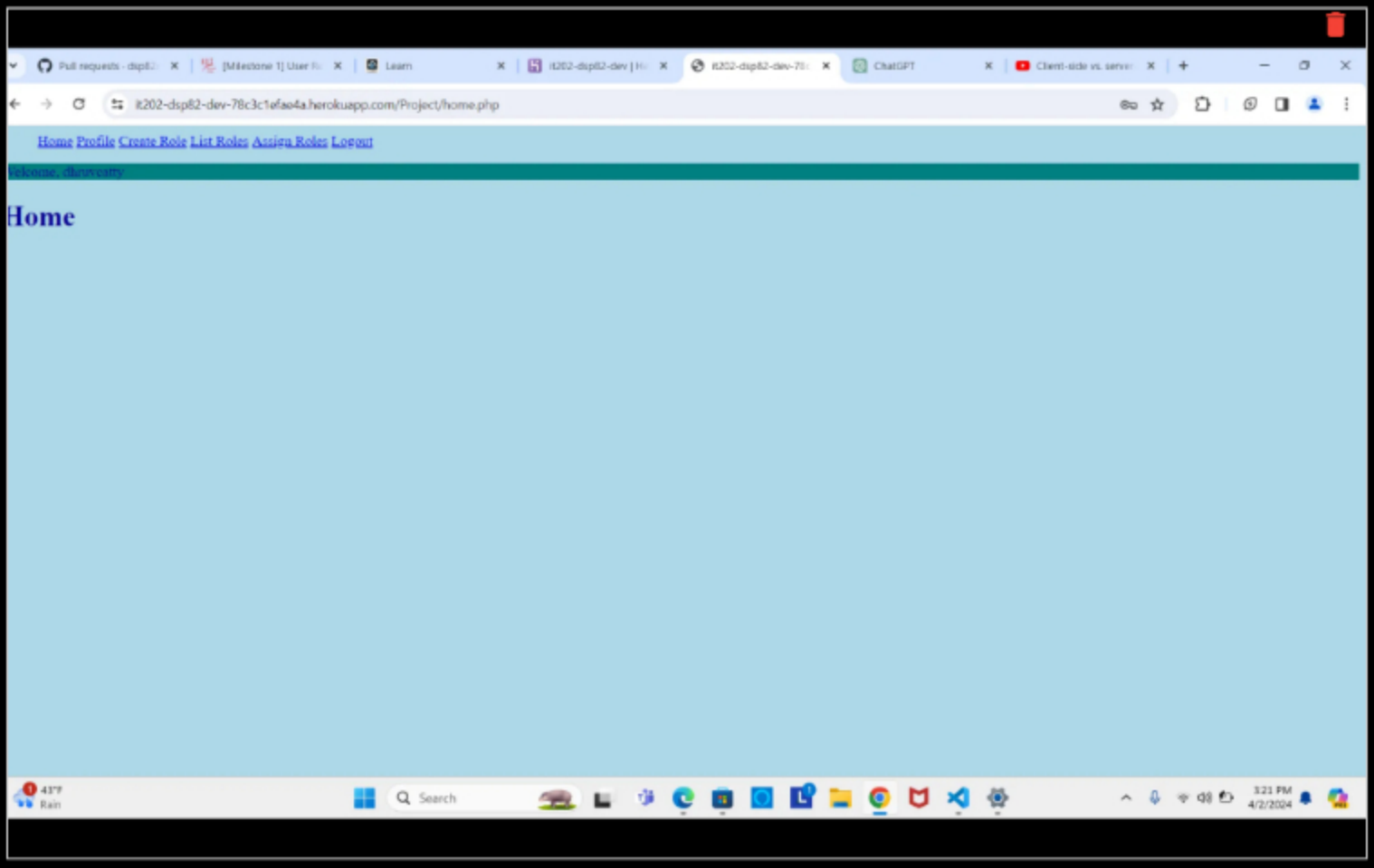
#	Points	Details
#1	1	Heroku dev url should be present in the address bar
#2	1	Should have thoughtful CSS applied
#3	1	Include correct data where username is used to login
#4	1	Include correct data where email is used to login
#5	1	Show success login message
#6	1	Demonstrate JavaScript validation for each field [can be combined] (username format, email format, password format, and each field being required)
#7	1	Demonstrate user-friendly message of when an account doesn't exist
#8	1	Demonstrate user-friendly message of when password doesn't match what's in the DB

#9	1	Demonstrate successful login message and the destination page (i.e., home or some landing/dashboard page)
#10	1	Demonstrate session data being set (captured from server logs)

Task Screenshots:

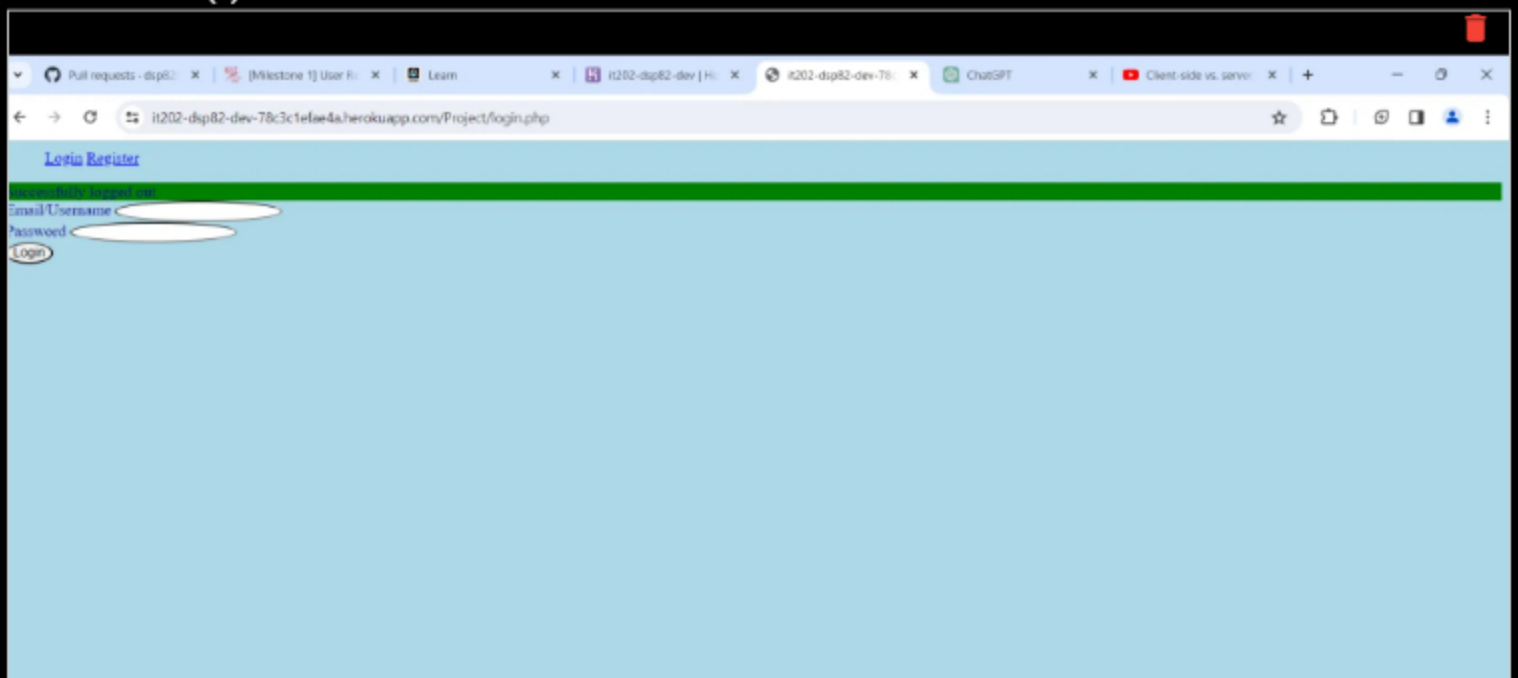
Gallery Style: Large View

Small Medium Large



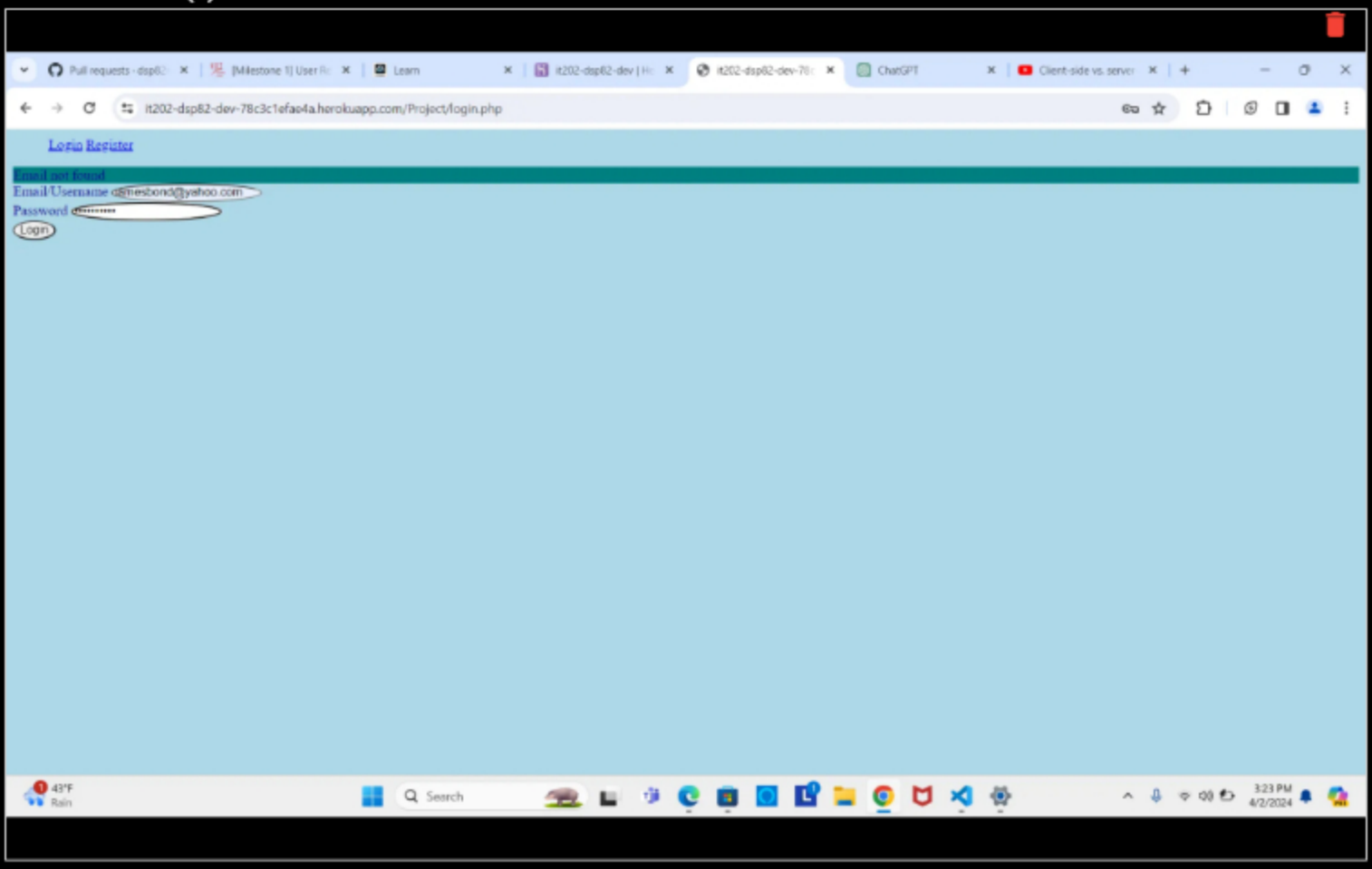
Successful login

Checklist Items (0)



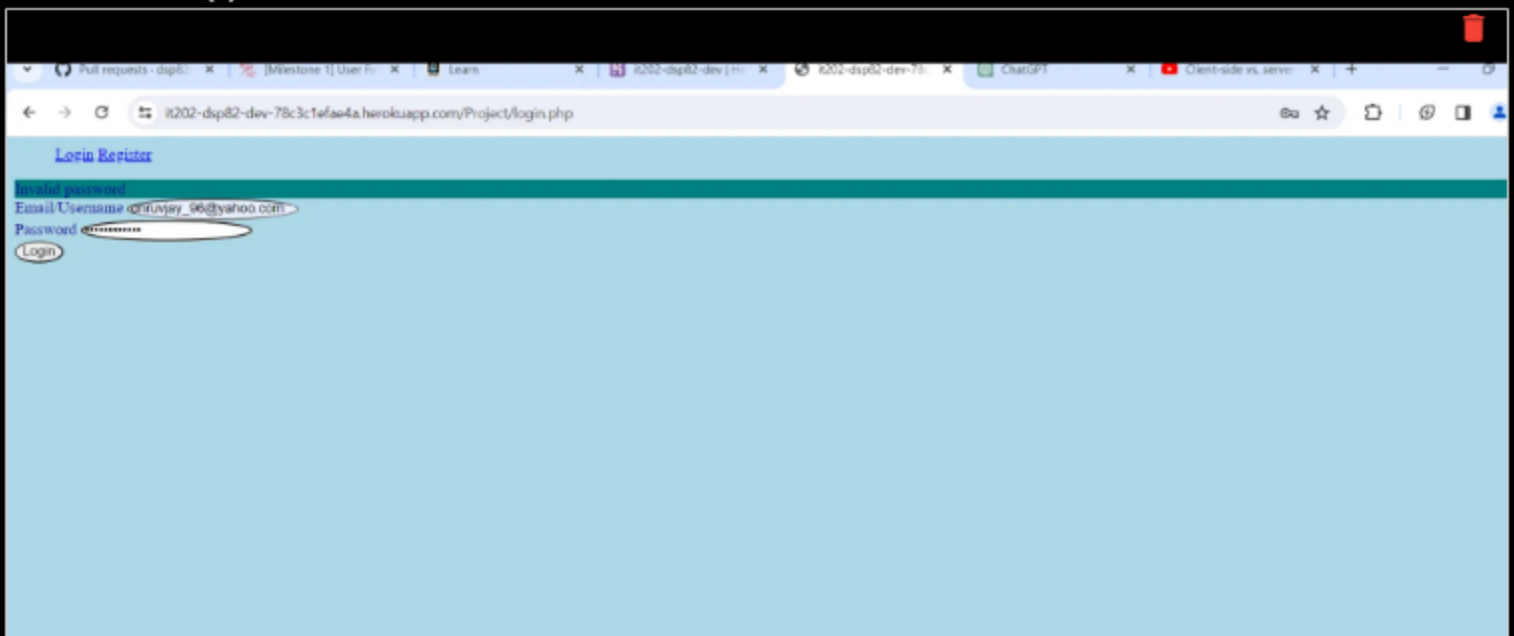
Login page

Checklist Items (0)



Email not found

Checklist Items (0)



Invalid password

Checklist Items (0)

COLLAPSE

Task #2 - Points: 1

Text: Screenshot of the form code

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Should have proper input types for the fields (note in the caption if you're using two fields for Username/Email or a combined field)
#2	1	Show JavaScript validations (include any extra files related)
#3	1	Show PHP validations (include any lib content)
#4	1	Include ucid/date code comments in all screenshots (one per screenshot is sufficient)

Task Screenshots:

Gallery Style: Large View

Small Medium Large

ublic_html > Project > login.php

```
14    </form>
15    <script>
16        function validate(form) {
17            // Get the values of the email/username and password fields
18            var emailOrUsername = form.email.value.trim();
19            var password = form.password.value.trim();
20
21            // Check if email/username field is empty
22            if (emailOrUsername === "") {
23                alert("Email/Username must not be empty", "danger");
24                return false;
25            }
26
27            // Check if password field is empty
28            if (password === "") {
29                alert("Password must not be empty", "danger");
30                return false;
31            }
32
33            // Check if password meets the minimum length requirement
34            if (password.length < 8) {
35                alert("Password must be at least 8 characters long", "danger");
36                return false;
37            }
38
39            // All validations passed, return true to submit the form
40            return true;
41        }
42
43        // Function to display flash messages
44        function flash(message, type) {
45            // Create a new div element for the flash message
46            var flashDiv = document.createElement("div");
```

```
        // Set the class attribute for styling based on the message type
        flashDiv.className = "flash-message " + type;

```

Javcascript validation part 1

Checklist Items (0)

```
<script>
    function validate(form) {

        // Check if password meets the minimum length requirement
        if (password.length < 8) {
            alert("Password must be at least 8 characters long", "danger");
            return false;
        }

        // All validations passed, return true to submit the form
        return true;
    }

    // Function to display flash messages
    function flash(message, type) {
        // Create a new div element for the flash message
        var flashDiv = document.createElement("div");

        // Set the class attribute for styling based on the message type
        flashDiv.className = "flash-message " + type;

        // Create a text node with the message text
        var textNode = document.createTextNode(message);

        // Append the text node to the flash div
        flashDiv.appendChild(textNode);

        // Get the container element where flash messages should be displayed
        var container = document.getElementById("flash-container");

        // Append the flash div to the container
        container.appendChild(flashDiv);
    }
    //dsp82 4/2/2024
</script>
<?php
```

JAvascript validation part2

Checklist Items (0)

```
<script>
    //dsp82 4/2/2024
</script>
<?php
//TODO 2: add PHP Code
if (isset($_POST["email"]) && isset($_POST["password"])) {
    $email = se($_POST, "email", "", false);
    $password = se($_POST, "password", "", false);

    //TODO 3
    $hasError = false;
    if (empty($email)) {
        flash("Email must not be empty");
        $hasError = true;
    }
    if (str_contains($email, "@")) {
        //sanitize
        //$email = filter_var($email, FILTER_SANITIZE_EMAIL);
        $email = sanitize_email($email);
        //validate
        /*if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            flash("Invalid email address");
            $hasError = true;
        }*/
        if (!is_valid_email($email)) {
            flash("Invalid email address");
            $hasError = true;
        }
    } else {
        if (!is_valid_username($email)) {
            flash("Invalid username");
            $hasError = true;
```

```
        }
    }
    if (empty($password)) {
        flash("password must not be empty");
        $hasError = true;
```

PHP validation part 1

Checklist Items (0)

```
if (isset($_POST["email"]) && isset($_POST["password"])) {
    $hasError = false;
    if (empty($email)) {
        flash("Email must not be empty");
        $hasError = true;
    }
    if (str_contains($email, "@")) {
        //sanitize
        //$email = filter_var($email, FILTER_SANITIZE_EMAIL);
        $email = sanitize_email($email);
        //validate
        /*if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
            flash("Invalid email address");
            $hasError = true;
        }*/
        if (!is_valid_email($email)) {
            flash("Invalid email address");
            $hasError = true;
        }
    } else {
        if (!is_valid_username($email)) {
            flash("Invalid username");
            $hasError = true;
        }
    }
    if (empty($password)) {
        flash("password must not be empty");
        $hasError = true;
    }
    if (!is_valid_password($password)) {
        flash("Password too short");
        $hasError = true;
    }
    if (!$hasError) {
        //flash("Welcome, $email");
        //TODO 4
        $db = getDB();
```

12 mins db.ethereallab.app dsp82 Ln 63, Col 21 Spaces: 4 UTF-8 CRLF PHP

Search 3:29 PM

PHP validation part 2

Checklist Items (0)

login.php M ● index.php 002_alter_table_users_username.sql 001_create_table_users.sql nav.php create_role.php list_roles.php assig

public_html > Project > login.php

```
67    if (isset($_POST["email"]) && isset($_POST["password"])) {
104       if (!$hasError) {
108           $stmt = $db->prepare("SELECT id, email, username, password from Users
109           where email = :email or username = :email");
110           try {
111               $r = $stmt->execute([":email" => $email]);
112               if ($r) {
113                   $user = $stmt->fetch(PDO::FETCH_ASSOC);
114                   if ($user) {
115                       $hash = $user["password"];
116                       unset($user["password"]);
117                       if (password_verify($password, $hash)) {
118                           //flash("Weclome $email");
119                           $_SESSION["user"] = $user; //sets our session data from db
120                           //lookup potential roles
121                           $stmt = $db->prepare("SELECT Roles.name FROM Roles
122                           JOIN UserRoles on Roles.id = UserRoles.role_id
123                           where UserRoles.user_id = :user_id and Roles.is_active = 1 and UserRoles.is_active = 1");
124                           $stmt->execute([":user_id" => $user["id"]]);
125                           $roles = $stmt->fetchAll(PDO::FETCH_ASSOC); //fetch all since we'll want multiple
126                           //save roles or empty array
127                           if ($roles) {
128                               $_SESSION["user"]["roles"] = $roles; //at least 1 role
129                           } else {
130                               $_SESSION["user"]["roles"] = []; //no roles
131                           }
132                           flash("Welcome, " . get_username());
133                           die(header("Location: home.php"));
134                       } else {
135                           flash("Invalid password");
```

PHP validation part3

Checklist Items (0)

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Task #3 - Points: 1

Text: Explain the login logic step-by-step from when the page loads to when the data is fetched from the DB and stored in the session

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Don't just show code, translate things to plain English
#2	1	Explain how the session works and why/how it's used

Response:

The login process begins with the user filling out the forms on the login page. The servier-side validation and database will authenticate the user. If this proves successful the users data is stored in a session, while granting access to a protected area of the website. Error handling will make sure any issues are accounted for.

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Task #4 - Points: 1

Text: Include pull request links related to this feature

Details:
Should end in /pull/#

URL #1
https://github.com/dsp82njit/dsp82-IT202-008/pull/42

URL #2
https://github.com/dsp82njit/dsp82-IT202-008/pull/37

URL #3
https://github.com/dsp82njit/dsp82-IT202-008/pull/45

URL #4
https://github.com/dsp82njit/dsp82-IT202-008/pull/34

User Logout (1 pt.)

COLLAPSE

^COLLAPSE ^

Task #1 - Points: 1

Text: Capture the following screenshots

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Screenshot of the navigation when logged in (site)
#2	1	Screenshot of the redirect to login with the user-friendly logged-out message (site)
#3	1	Screenshot of the logout-related code showing the session is destroyed (code). Ensure ucid/date comment is present.

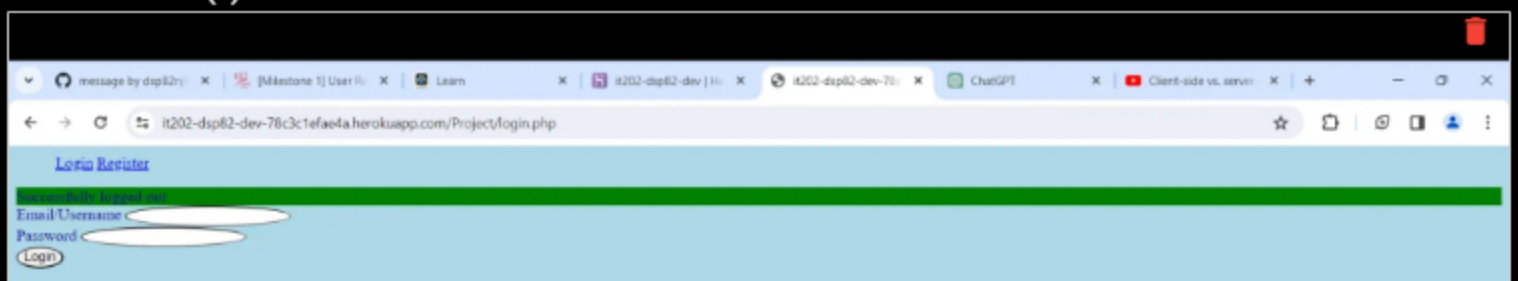
Task Screenshots:

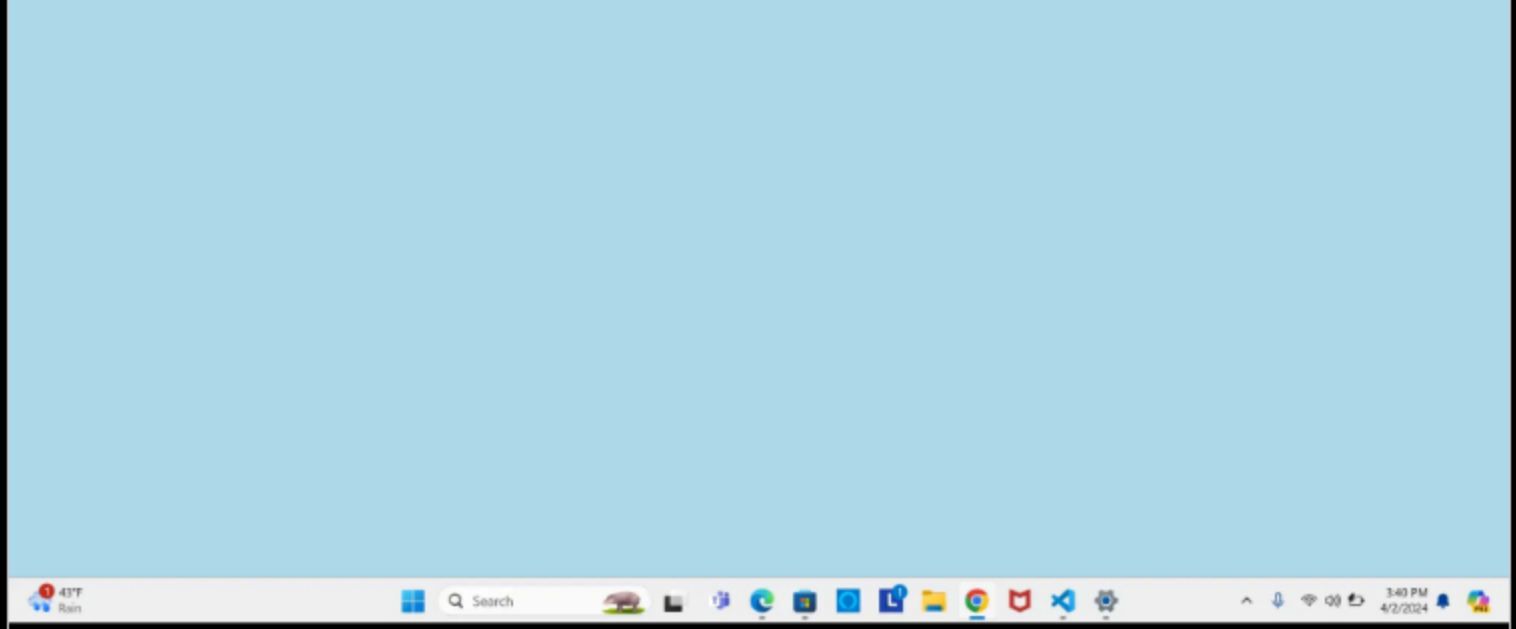
Gallery Style: Large View

Small Medium Large

Successful login

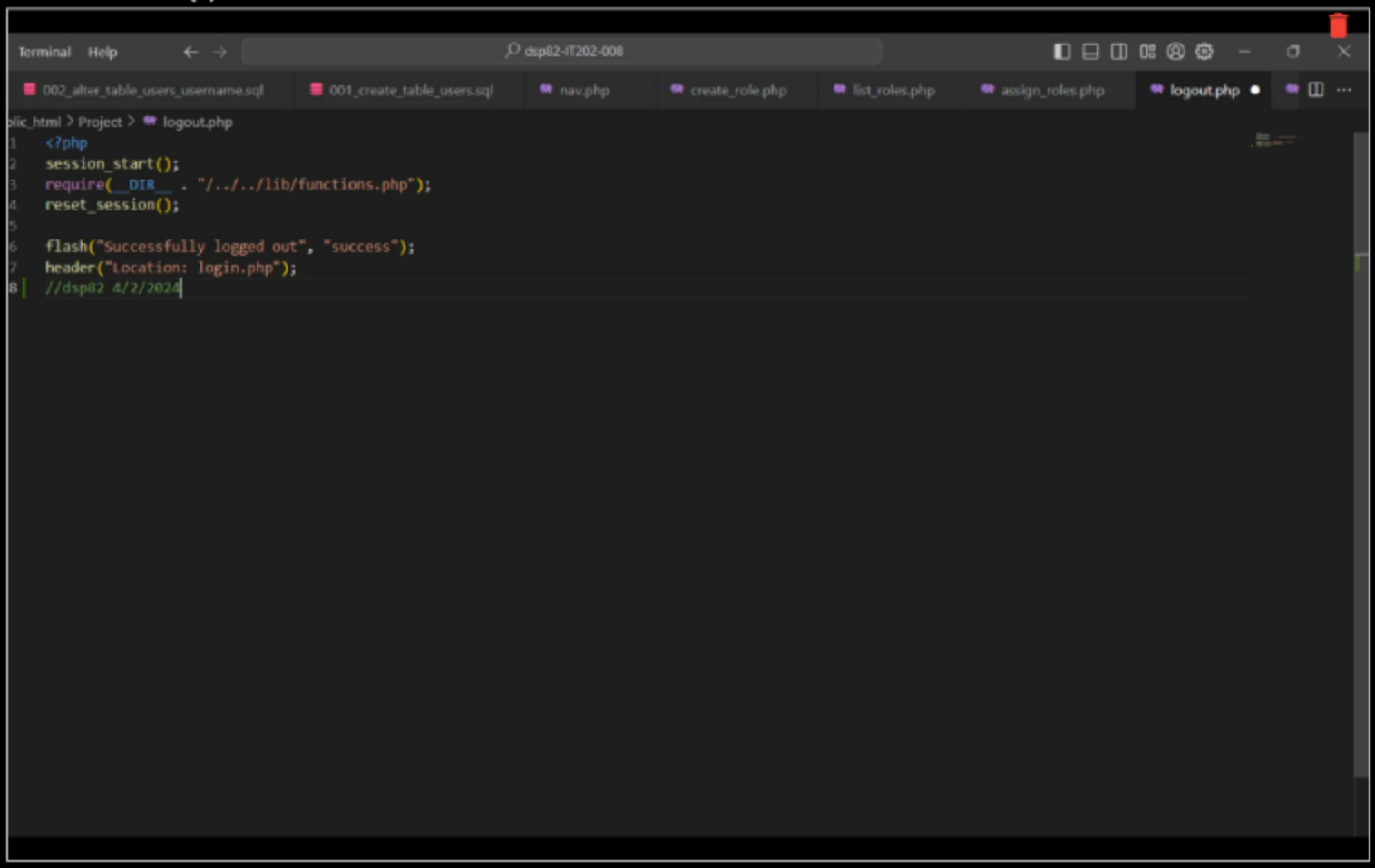
Checklist Items (0)





Logout redirect

Checklist Items (0)



Logout code

Checklist Items (0)

COLLAPSE

Task #2 - Points: 1

Text: Include pull request links related to this feature

Details:
Should end in /pull/#

URL #1
https://github.com/dsp82njit/dsp82-IT202-008/pull/50

URL #2
https://github.com/dsp82njit/dsp82-IT202-008/pull/47

URL #3
https://github.com/dsp82njit/dsp82-IT202-008/pull/36

Basic Security Rules and Roles (2 pts.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Authentication Screenshots

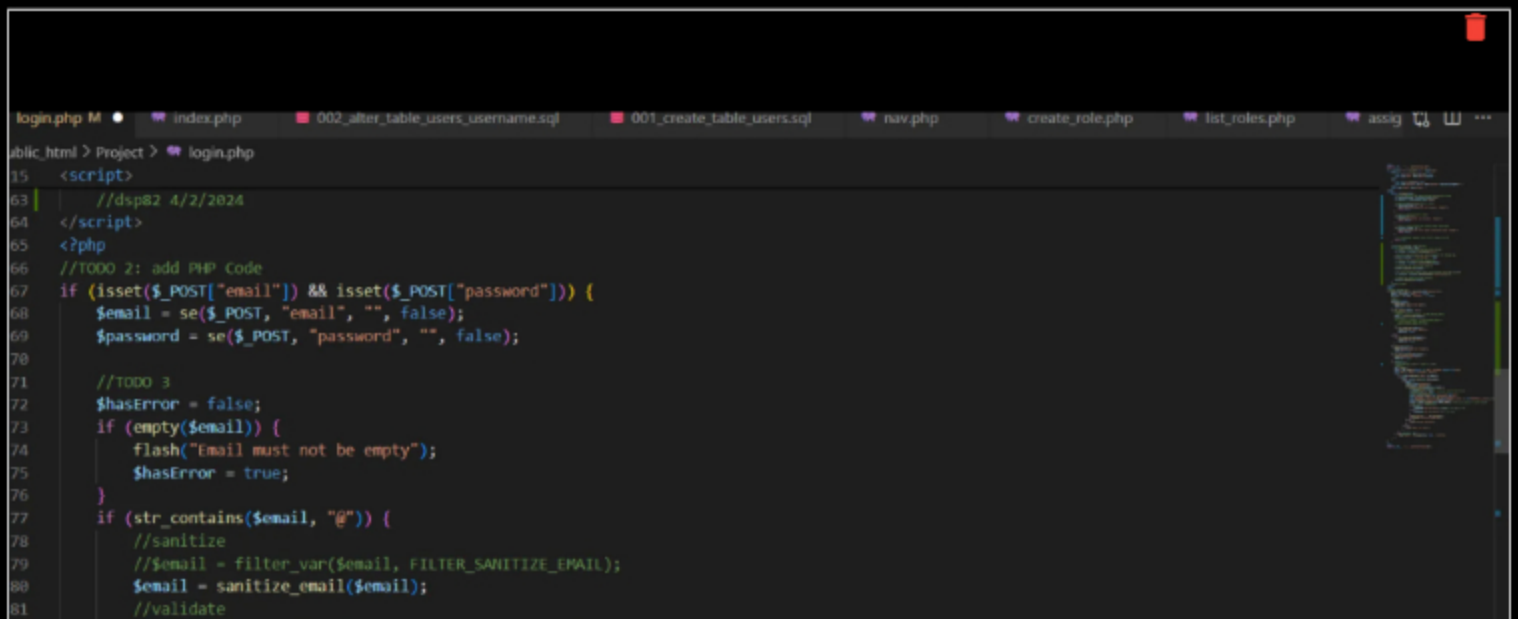
Checklist *The checkboxes are for your own tracking

#	Points	Details
#1	1	Screenshot of the function that checks if a user is logged in
#2	1	Screenshot of the login check function being used (i.e., profile likely). Also caption what pages it's used on
#3	1	Include ucid/date code comments in all screenshots (one per screenshot is sufficient)
#4	1	Demonstrate the user-friendly message of trying to manually access a login-protected page while being logged out

Task Screenshots:

Gallery Style: Large View

Small Medium Large



```
82          /*if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
83              flash("Invalid email address");
84              dsp82 4/2/2024 $hasError = true;
85          }*/
86          if (!is_valid_email($email)) {
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

bash

973@dhruvjay_96 MINGW64 ~/dsp82-IT202-008 (Milestone1)

Login check function

Checklist Items (0)

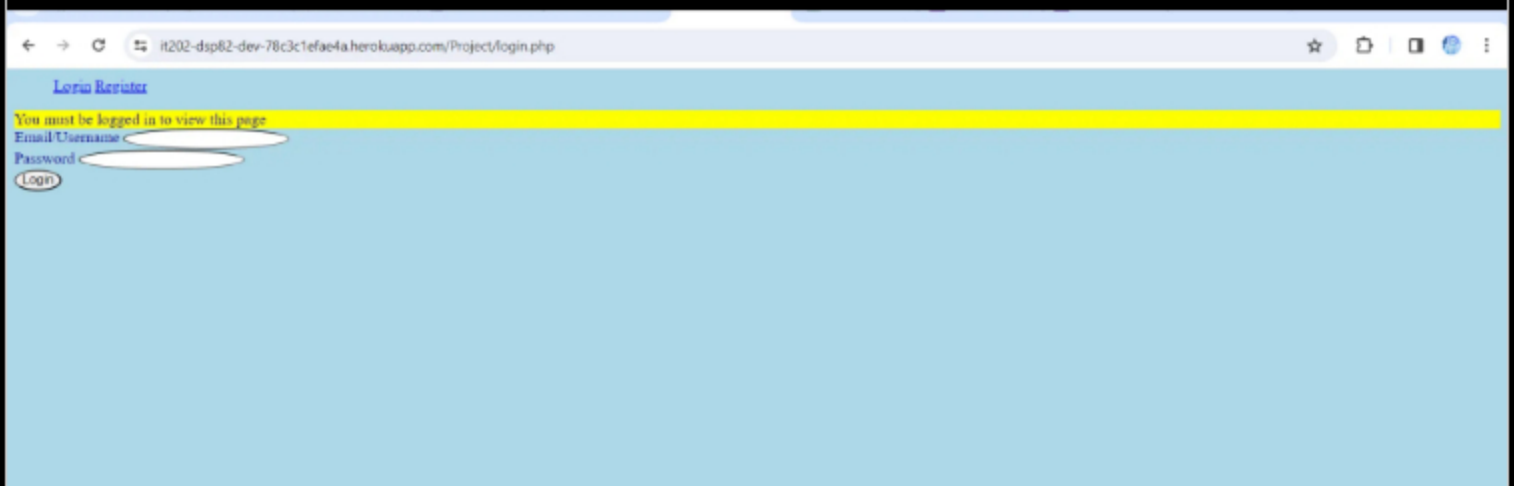
```
//dsp82 4/2/2024
?>

<!-- include css and js files -->
<link rel="stylesheet" href="<?php echo get_url('styles.css'); ?>">
<script src="<?php echo get_url('helpers.js'); ?>"></script>
<nav>
    <ul>
        <?php if (is_logged_in()) : ?>
            <li><a href="<?php echo get_url('home.php'); ?>">Home</a></li>
            <li><a href="<?php echo get_url('profile.php'); ?>">Profile</a></li>
        <?php endif; ?>
        <?php if (!is_logged_in()) : ?>
            <li><a href="<?php echo get_url('login.php'); ?>">Login</a></li>
            <li><a href="<?php echo get_url('register.php'); ?>">Register</a></li>
        <?php endif; ?>
        <?php if (has_role("Admin")) : ?>
            <li><a href="<?php echo get_url('admin/create_role.php'); ?>">Create Role</a></li>
            <li><a href="<?php echo get_url('admin/list_roles.php'); ?>">List Roles</a></li>
            <li><a href="<?php echo get_url('admin/assign_roles.php'); ?>">Assign Roles</a></li>
        <?php endif; ?>
        <?php if (is_logged_in()) : ?>
            <li><a href="<?php echo get_url('logout.php'); ?>">Logout</a></li>
        <?php endif; ?>
    </ul>
```

EMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Function that checks if user is logged in

Checklist Items (0)



Tried to access Profile.php but no access was granted

Checklist Items (0)

^COLLAPSE ^

Task #2 - Points: 1

Text: Authorization Screenshots

Checklist

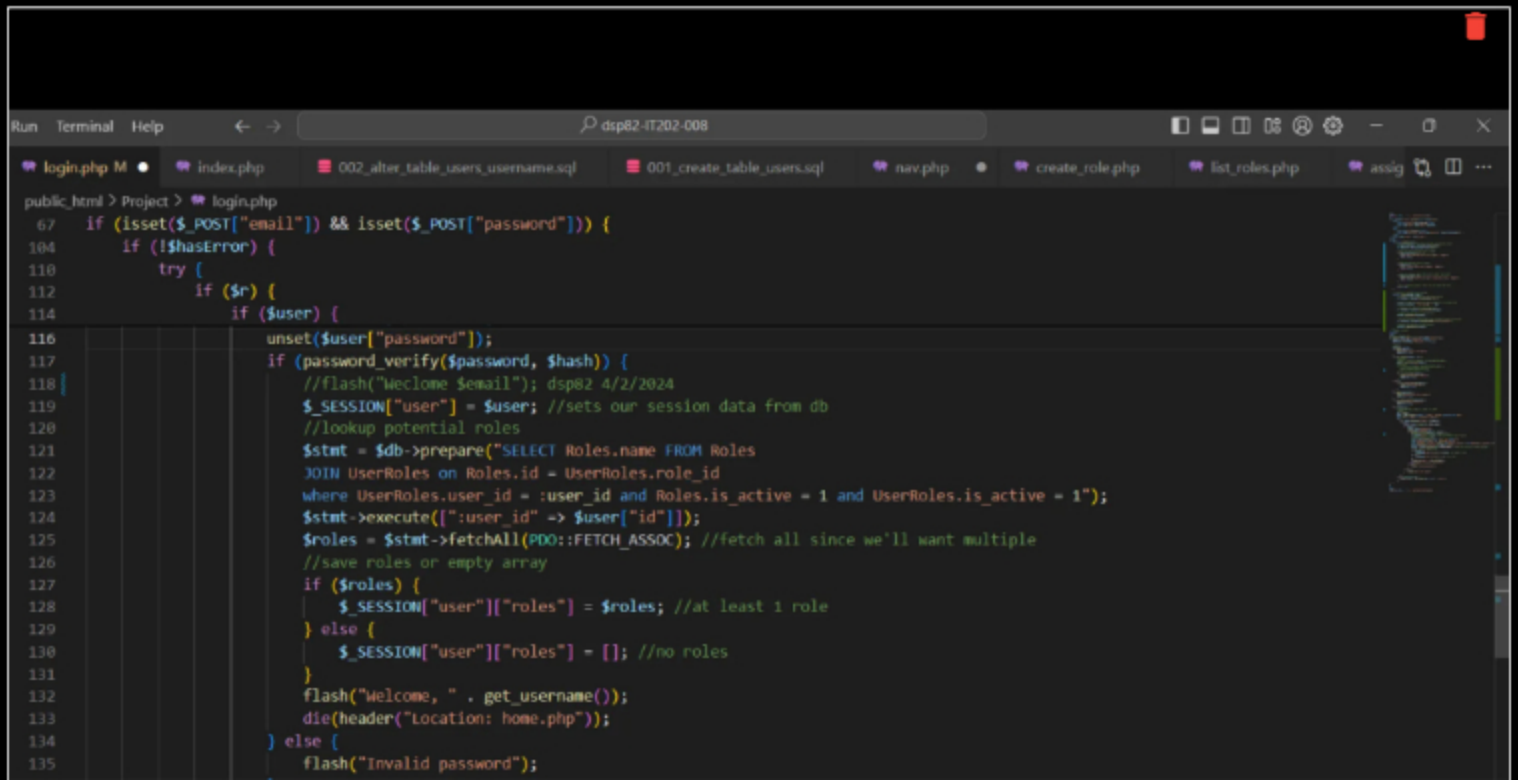
*The checkboxes are for your own tracking

#	Points	Details
☐ #1	1	Screenshot of the function that checks for a specific role
☐ #2	1	Screenshot of the role check function being used. Also caption what pages it's used on
☐ #3	1	Include ucid/date code comments in all screenshots (one per screenshot is sufficient)
☐ #4	1	Demonstrate the user-friendly message of trying to manually access a role-protected page while being logged out

Task Screenshots:

Gallery Style: Large View

Small Medium Large



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS bash

Role check function being used

Checklist Items (0)

Shows user has no access to create_roles.php while being logged out

Checklist Items (0)

```php
//dsp82 4/2/2024
?>

<!-- include css and js files -->
<link rel="stylesheet" href="<?php echo get_url('styles.css'); ?>">
<script src="<?php echo get_url('helpers.js'); ?>"></script>
<nav>
    <ul>
        <?php if (is_logged_in()) : ?>
            <li><a href="<?php echo get_url('home.php'); ?>">Home</a></li>
            <li><a href="<?php echo get_url('profile.php'); ?>">Profile</a></li>
        <?php endif; ?>
        <?php if (!is_logged_in()) : ?>
            <li><a href="<?php echo get_url('login.php'); ?>">Login</a></li>
            <li><a href="<?php echo get_url('register.php'); ?>">Register</a></li>
        <?php endif; ?>
        <?php if (has_role("Admin")) : ?>
            <li><a href="<?php echo get_url('admin/create_role.php'); ?>">Create Role</a></li>
            <li><a href="<?php echo get_url('admin/list_roles.php'); ?>">List Roles</a></li>
            <li><a href="<?php echo get_url('admin/assign_roles.php'); ?>">Assign Roles</a></li>
        <?php endif; ?>
```

```
        <?php if (is_logged_in()) : ?>
            <li><a href="<?php echo get_url('logout.php'); ?>">Logout</a></li>
        <?php endif; ?>
```

BLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Checks for user having the role "admin"

Checklist Items (0)

COLLAPSE

Task #3 - Points: 1

Text: Screenshots of UserRoles and Roles Tables

Checklist

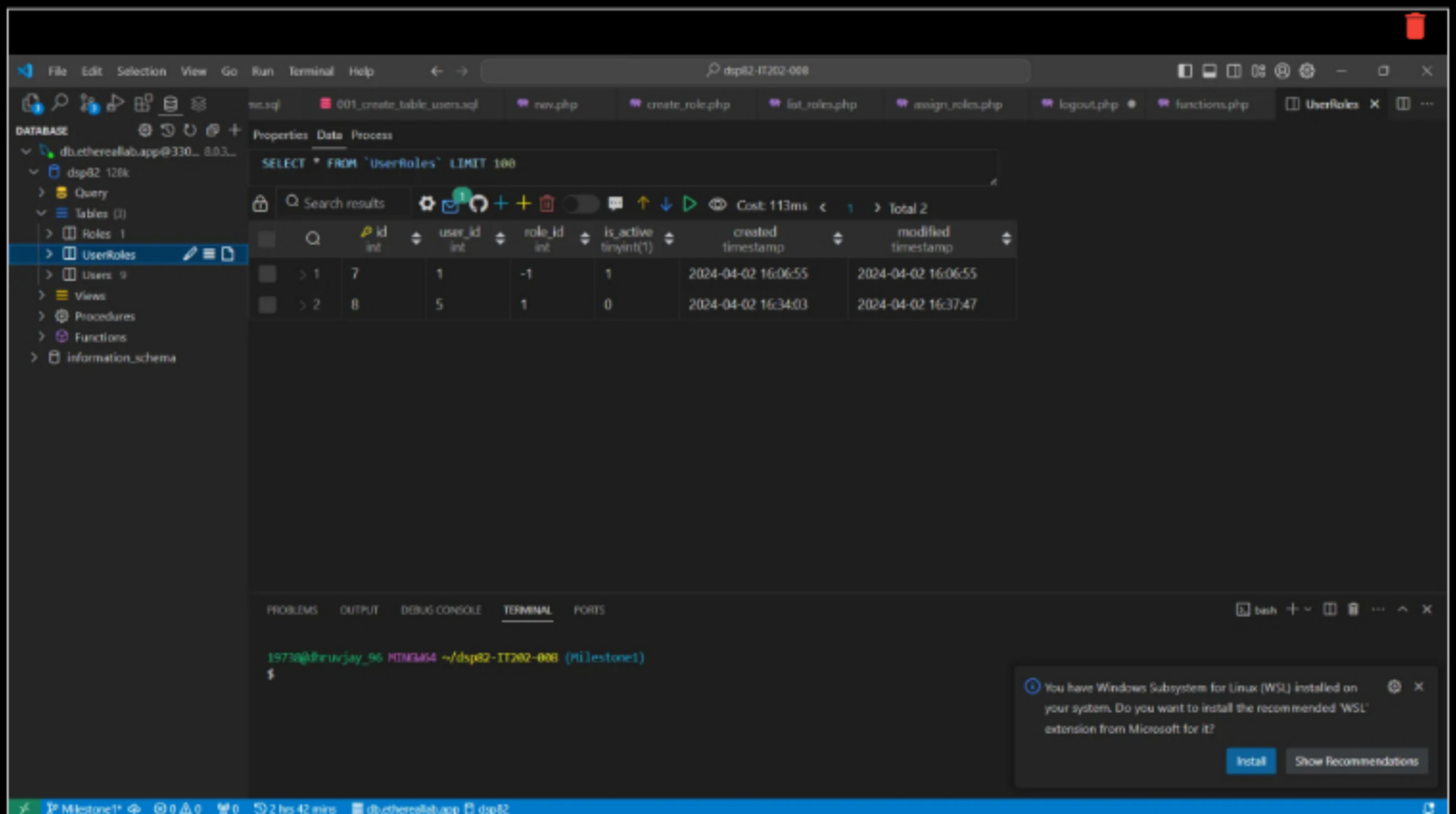
*The checkboxes are for your own tracking

#	Points	Details
#1	1	At least one valid and enabled User->Role reference (UserRoles table)
#2	1	UserRoles Table should have id, user_id, role_id, is_active, created, and modified columns
#3	1	Roles Table should have id, name, description, is_active, modified, and created columns
#4	1	At least one valid and enabled Role (Roles table)
#5	1	Ensure left panel or database name is present in each table screenshot (should contain your ucid)

Task Screenshots:

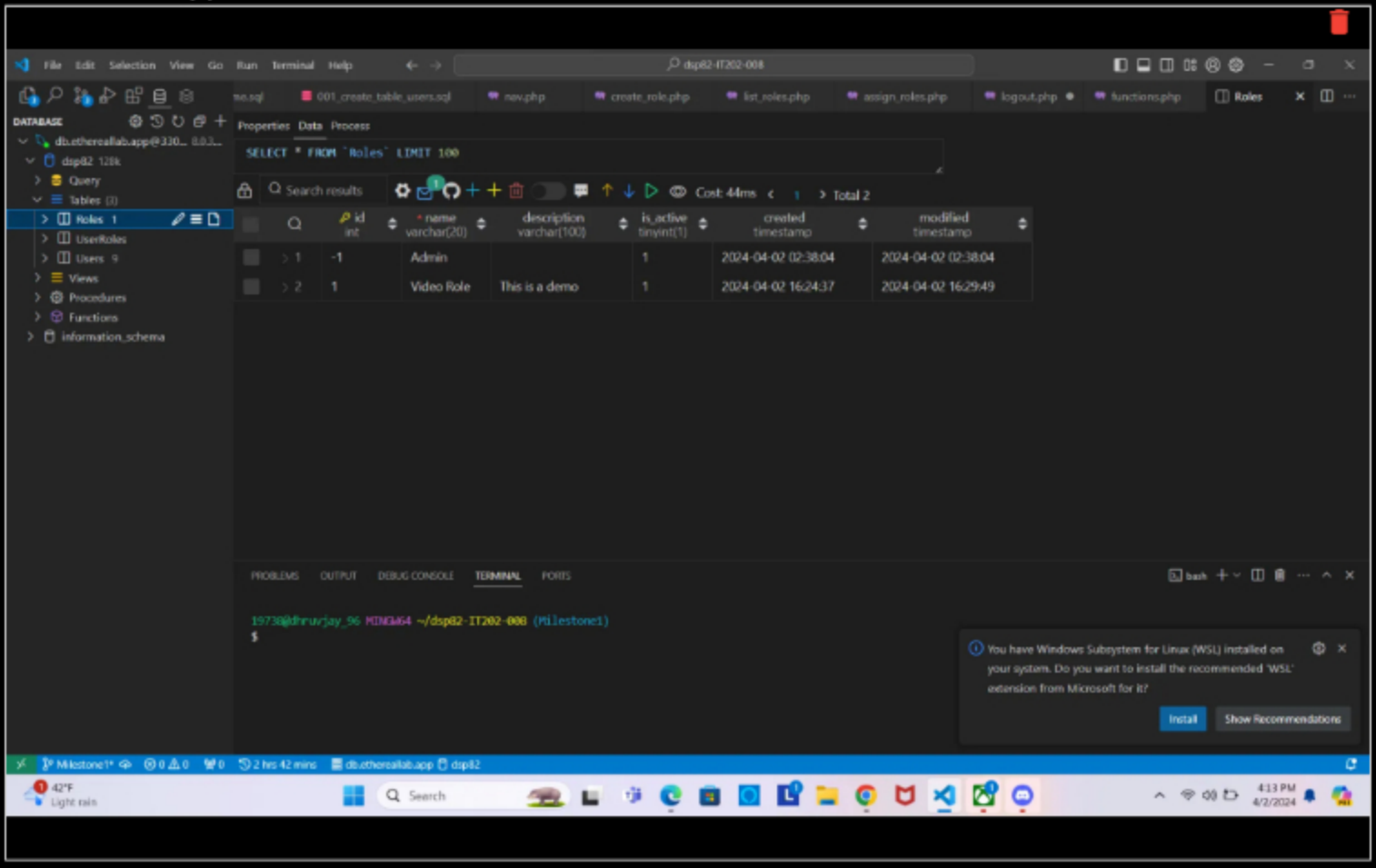
Gallery Style: Large View

Small Medium Large



USer Roles

Checklist Items (0)



Roles table

Checklist Items (0)

COLLAPSE

Task #4 - Points: 1

Text: Explain how Roles and UserRoles tables work in conjunction with the Users table

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	What's the purpose of the UserRoles table?
#2	1	How does Roles.is_active differ from UserRoles.is_active?

Response:

Roles and user roles tables are vital components of user management in an application. The roles table defines the different roles for each user and provides them with their permissions. The user roles table establishes a relationship between a user and their role. The two tables work hand in hand for managing users and their roles within an application.

COLLAPSE

Task #5 - Points: 1

Text: Include pull request links related to this feature

Details:
Should end in /pull/#

URL #1
https://github.com/dsp82njit/dsp82-IT202-008/pull/48

COLLAPSE

User Profile (2 pts.)

COLLAPSE

Task #1 - Points: 1

Text: View Profile Website Page

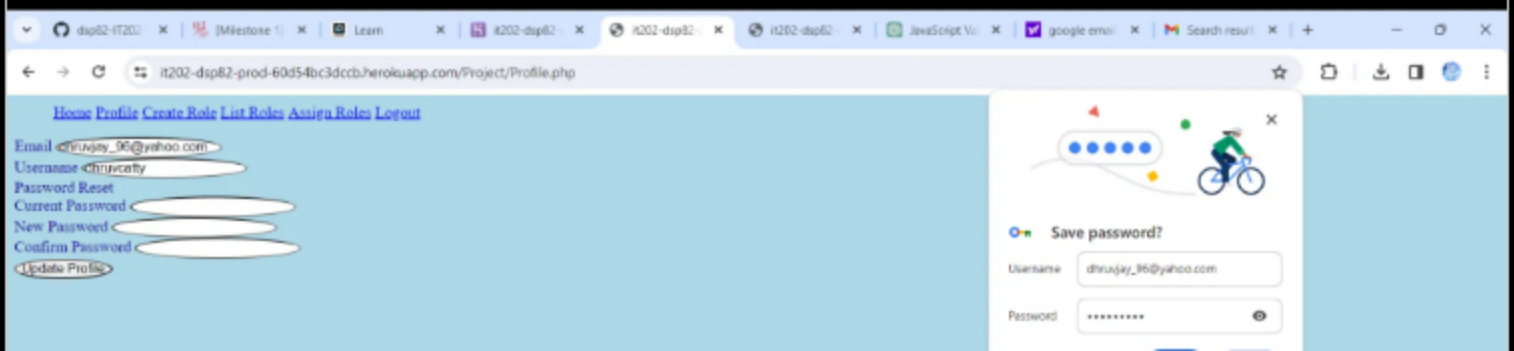
Checklist *The checkboxes are for your own tracking

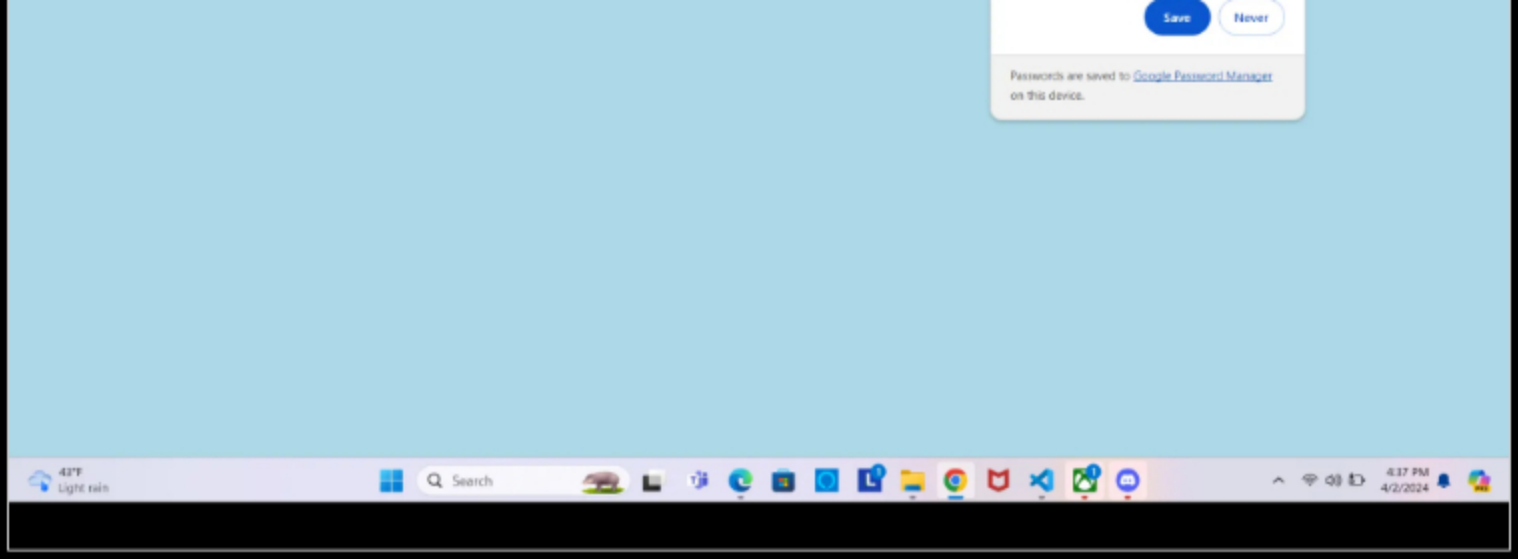
#	Points	Details
#1	1	Heroku dev url should be present in the address bar
#2	1	Should have thoughtful CSS applied
#3	1	Show the profile form correctly populated on page load (username, email)
#4	1	Should have the following fields: username, email, current password, new password, confirm password (or similar)

Task Screenshots:

Gallery Style: Large View

Small Medium Large





Profile page

Checklist Items (0)

COLLAPSE

Task #2 - Points: 1

Text: Explain the logic step-by-step of how the data is loaded and populated when the profile page is visited

Details:
Don't just show code, translate things to plain English

Response:

When the profile page is visited, user data is fetched from the session and populates the form fields. The user can view this and modify their profile. The server-side validation manages submissions. This includes validation, database updates, and feedback for successful updates.

COLLAPSE

Task #3 - Points: 1

Text: Edit Profile Website Page

Checklist

*The checkboxes are for your own tracking

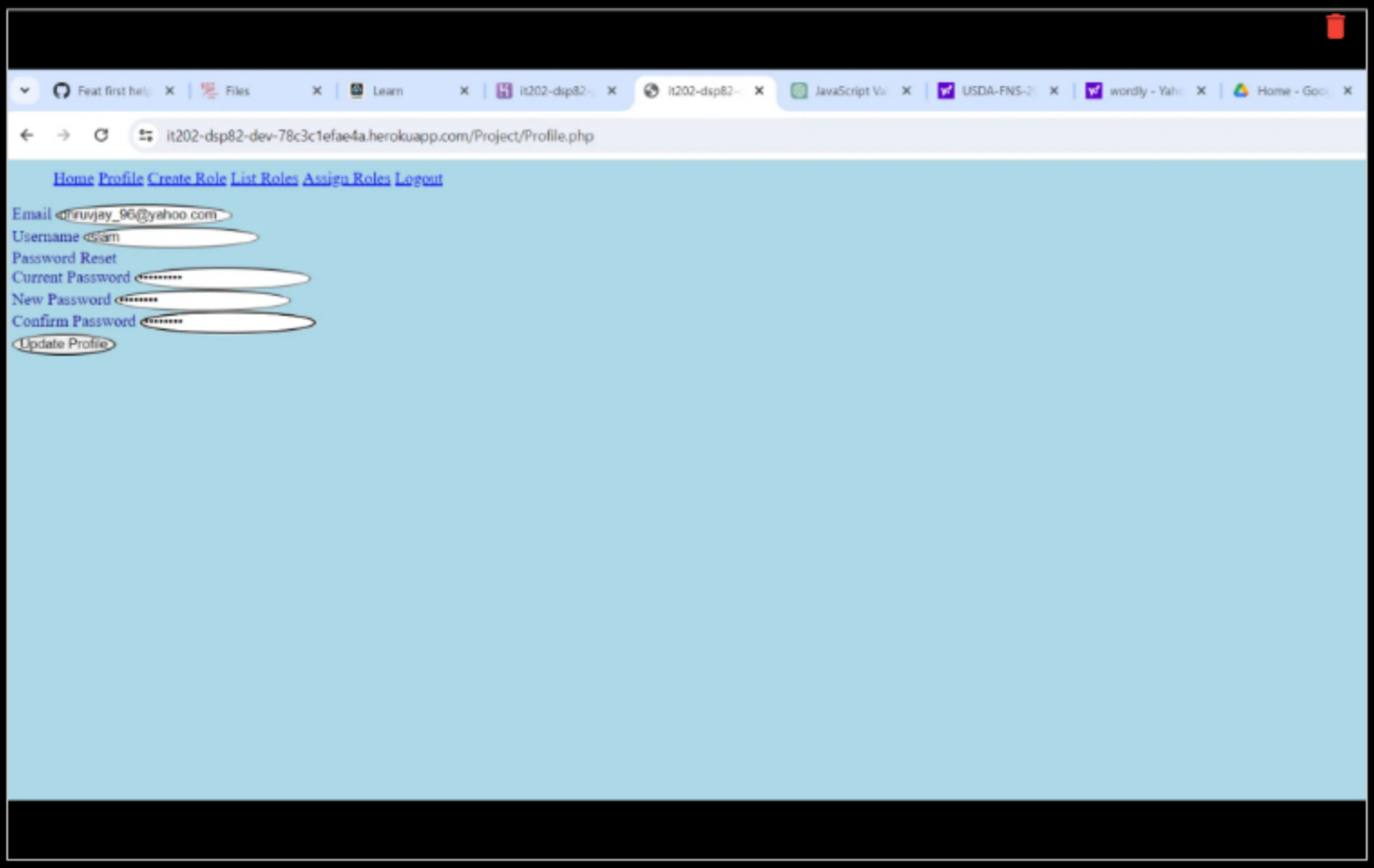
#	Points	Details
#1	1	Heroku dev url should be present in the address bar
#2	1	Should have thoughtful CSS applied
#3	1	Demonstrate with before and after of a username change (including success message)
#4	1	Demonstrate with a before and after of an email change (including success message)

#5	1	Demonstrate the success message of updating password
#6	1	Demonstrate JavaScript user-friendly validation messages (email format, username format, password format, new password matching confirm password)
#7	1	Demonstrate PHP user-friendly validation messages (desired email is already in use, desired username is already in use, current password doesn't match what's in the DB)

Task Screenshots:

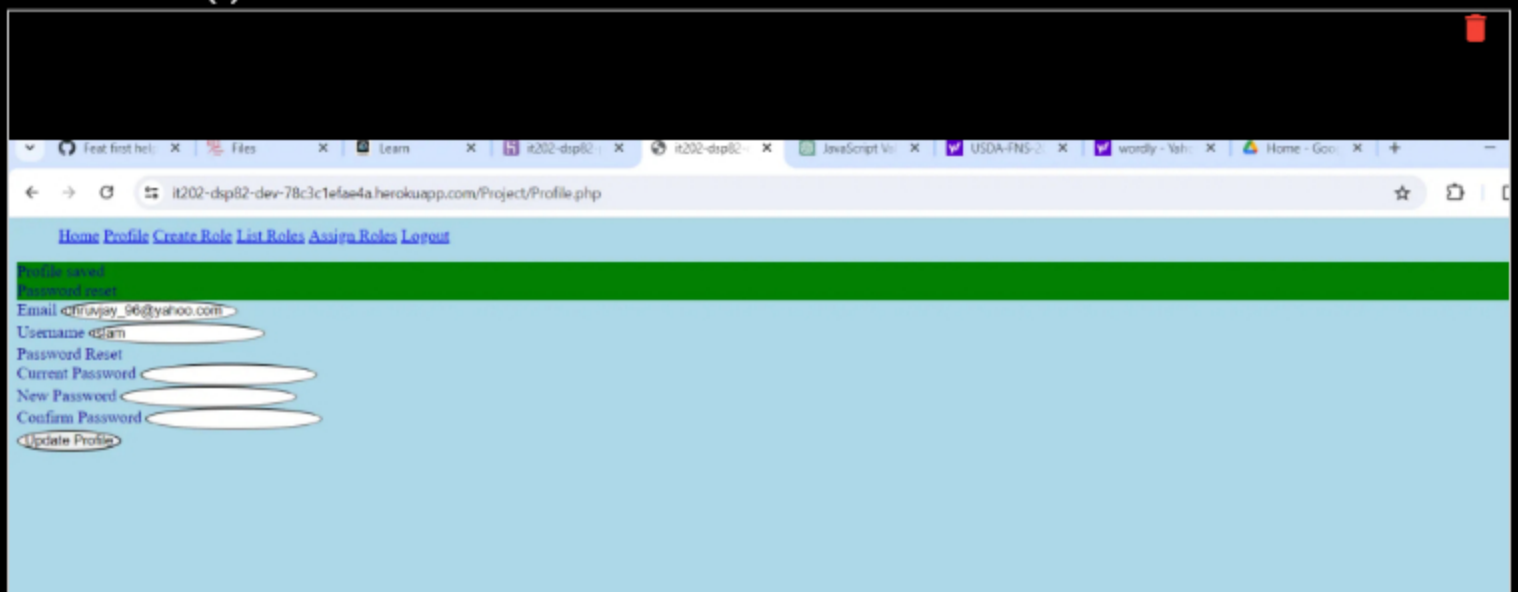
Gallery Style: Large View

Small Medium Large



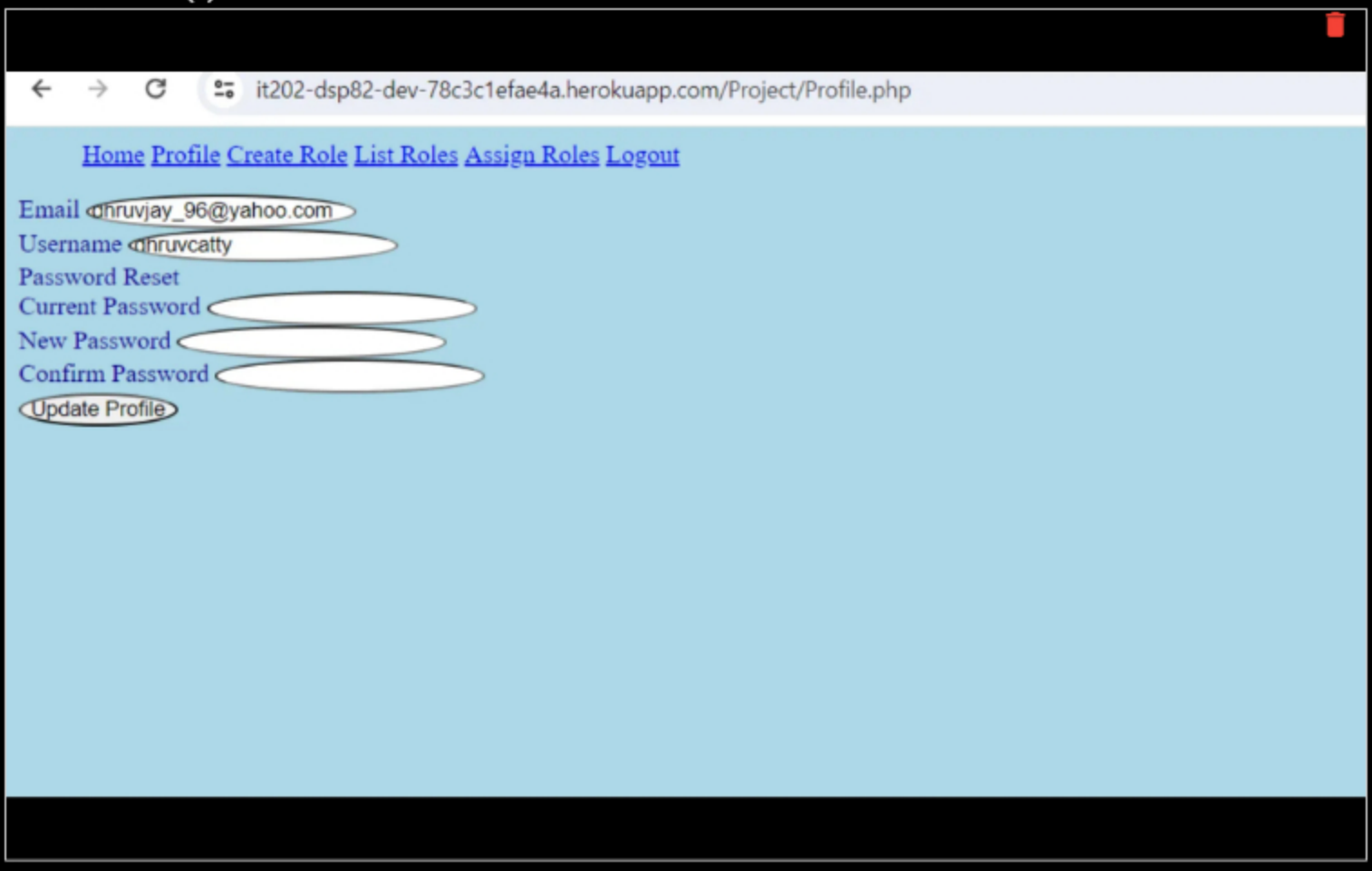
before password change

Checklist Items (0)



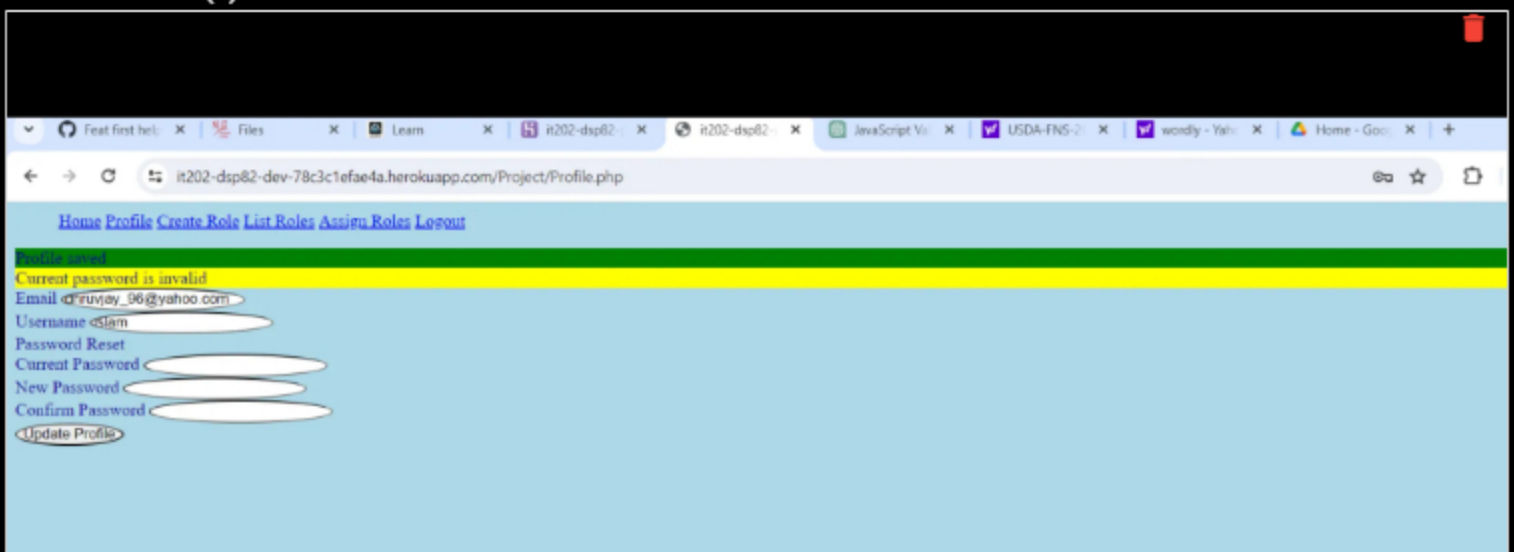
after password is updated as well as username

Checklist Items (0)



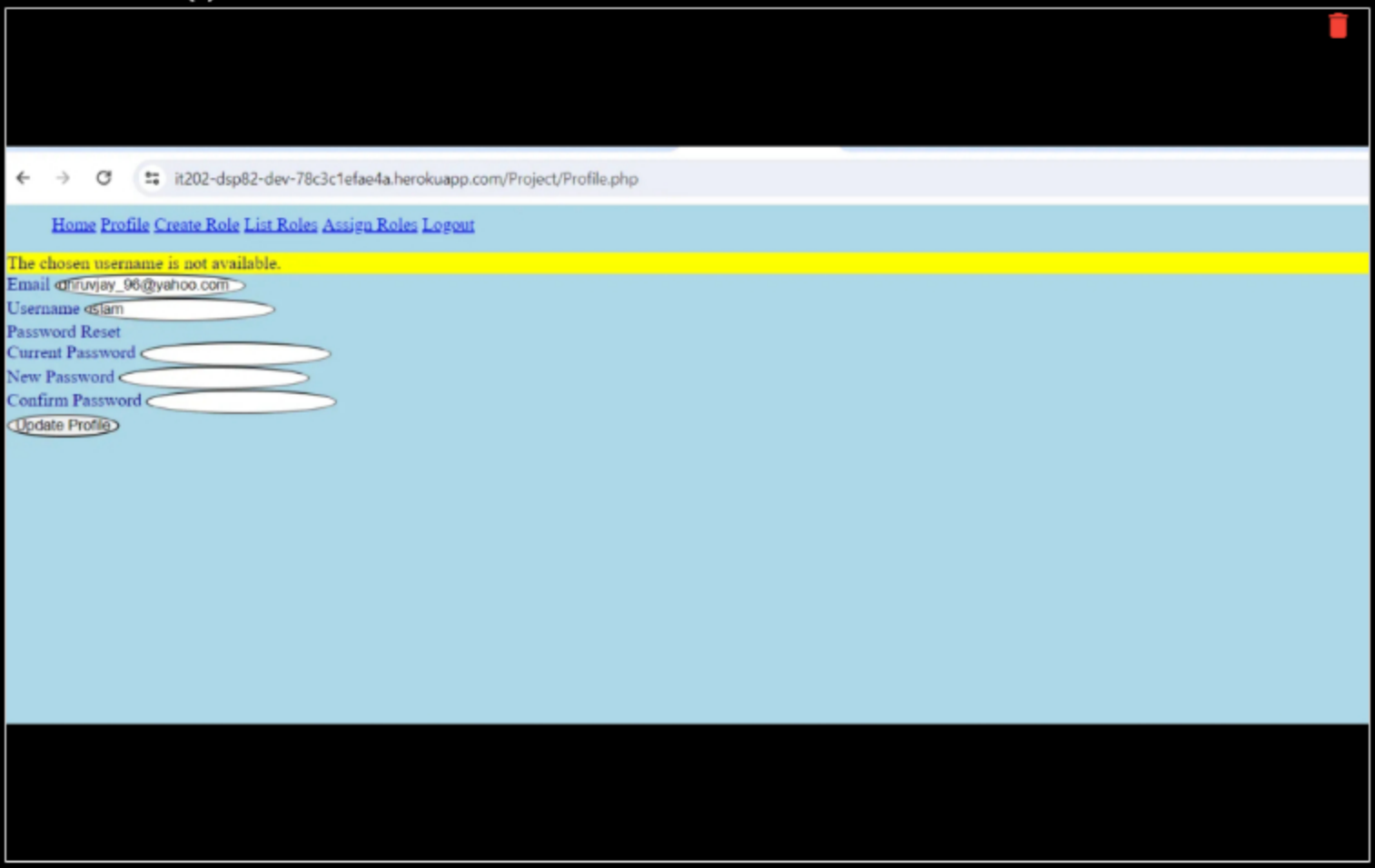
Before username is changed

Checklist Items (0)



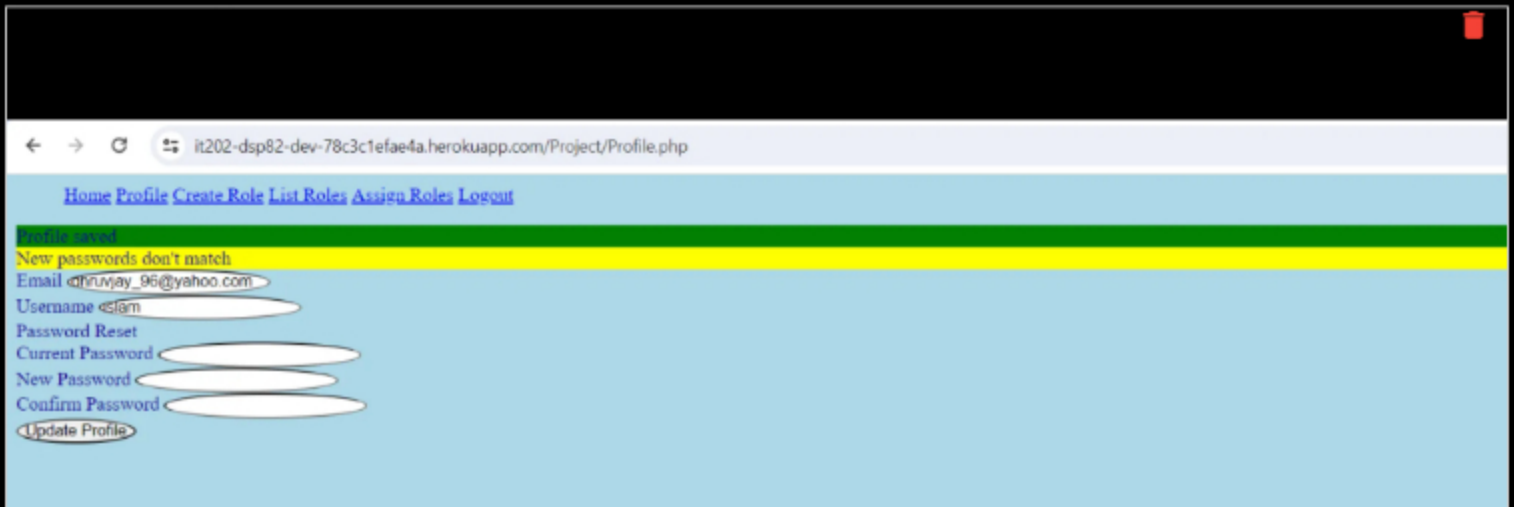
Password does not macth DB

Checklist Items (0)



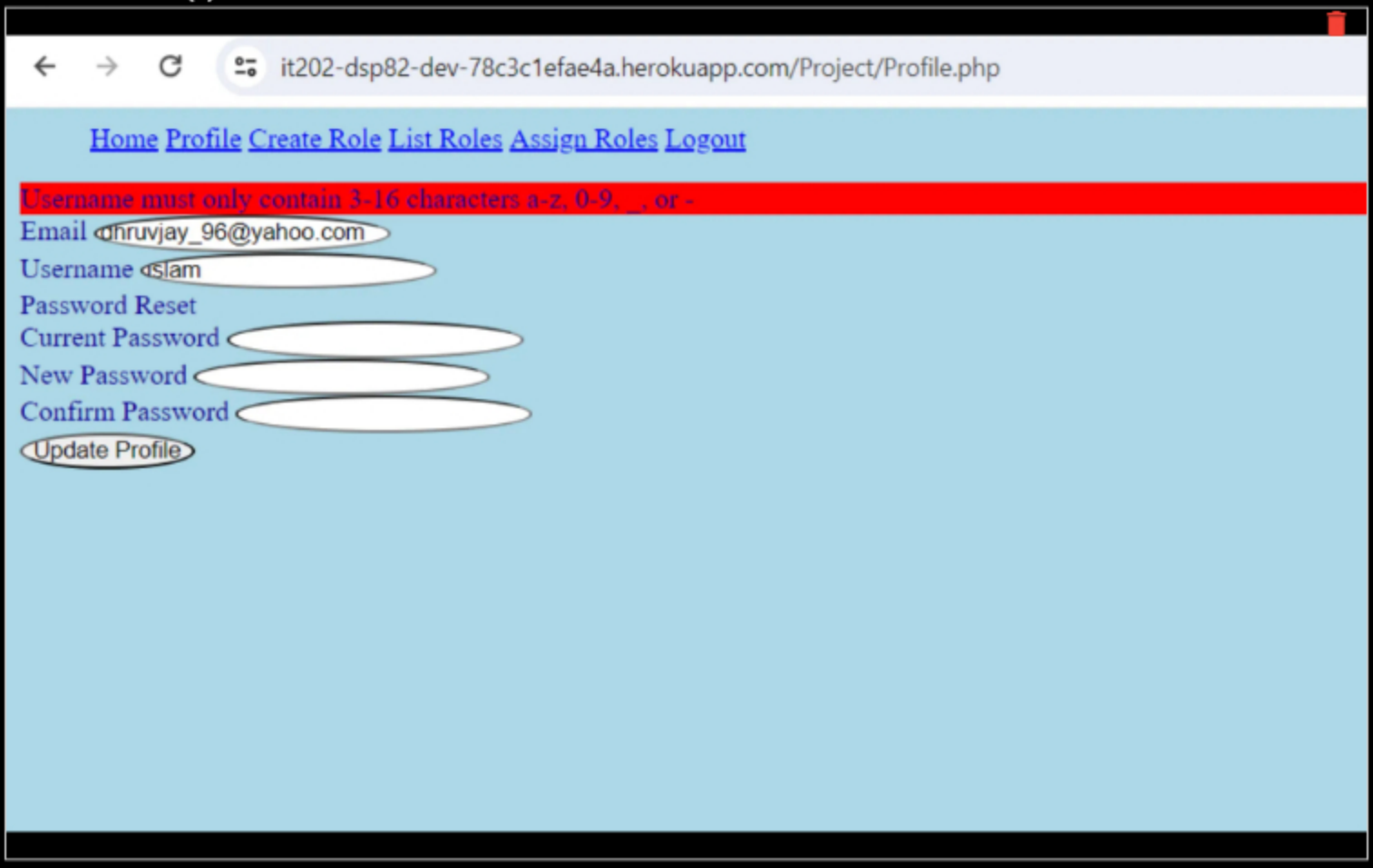
username already in use

Checklist Items (0)



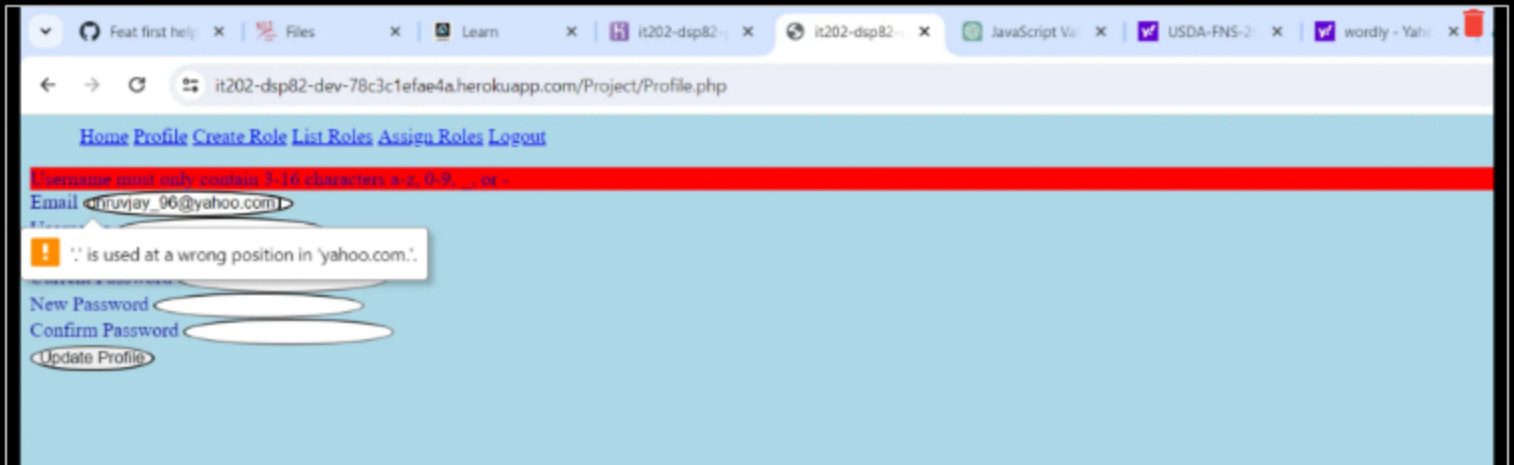
NEw password dont match

Checklist Items (0)



invalid username format

Checklist Items (0)



Wrong email format

Checklist Items (0)

^COLLAPSE ^

Task #4 - Points: 1

Text: Explain the logic step-by-step of how the data is checked and saved for the following scenarios

Checklist

*The checkboxes are for your own tracking

#	Points	Details
#1	1	Updating Username/Email
#2	1	Updating password
#3	1	Don't just show code, translate things to plain English

Response:

For updating email and username, the submitted data is retrieved and validated, ensuring it meets the criteria like non-emptiness and proper format. If validated the respective field in the database is updated. For updating password, the user enters a new password and matching password along with their old password. If the criteria is met for the old password, the new password is updated and checked to see if it meets the required criteria. If validated the new password is updated and hashed in the database.

^COLLAPSE ^

Task #5 - Points: 1

Text: Include pull request links related to this feature

Details:
Should end in /pull/#

URL #1

https://github.com/dsp82njit/dsp82-IT202-008/pull/42

URL #2

https://github.com/dsp82njit/dsp82-IT202-008/pull/41

URL #3

https://github.com/dsp82njit/dsp82-IT202-008/pull/39

Misc (1 pt.)

COLLAPSE

COLLAPSE

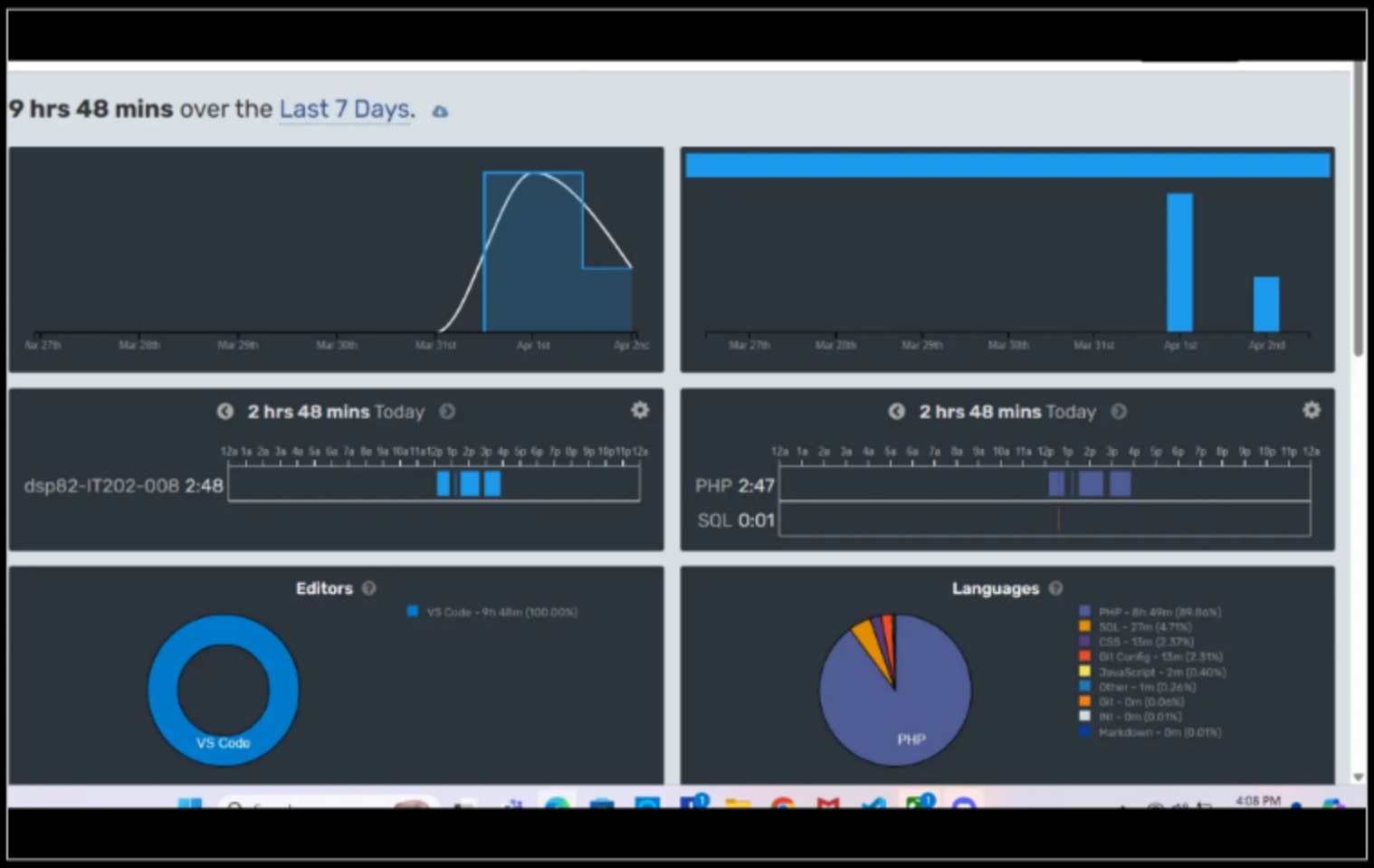
Task #1 - Points: 1

Text: Screenshot of wakatime

Task Screenshots:

Gallery Style: Large View

Small Medium Large



Wakatime

COLLAPSE

Task #2 - Points: 1

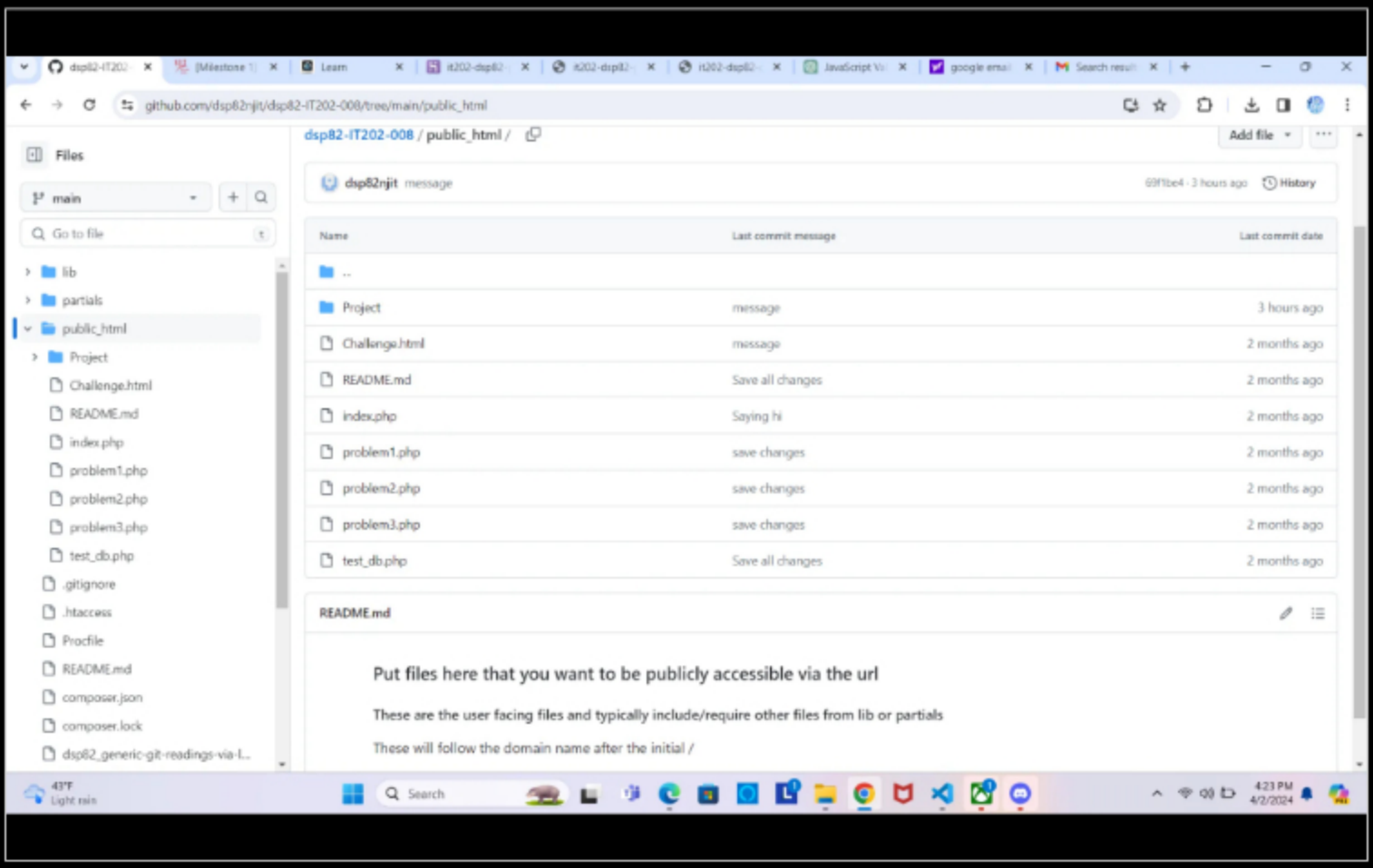
Text: Screenshot of your project board from GitHub (tasks should be in the proper column)

Task Screenshots:

Task Screenshots:

Gallery Style: Large View

Small Medium Large



Project Board

COLLAPSE

Task #3 - Points: 1

Text: Provide a direct link to the project board on GitHub

URL #1

https://github.com/dsp82njit/dsp82-IT202-008/tree/main/public_html/Project

COLLAPSE

Task #4 - Points: 1

Text: Provide a direct link to the login page from your prod instance

URL #1

https://it202-dsp82-prod-60d54bc3dccb.herokuapp.com/Project/login.php

End of Assignment