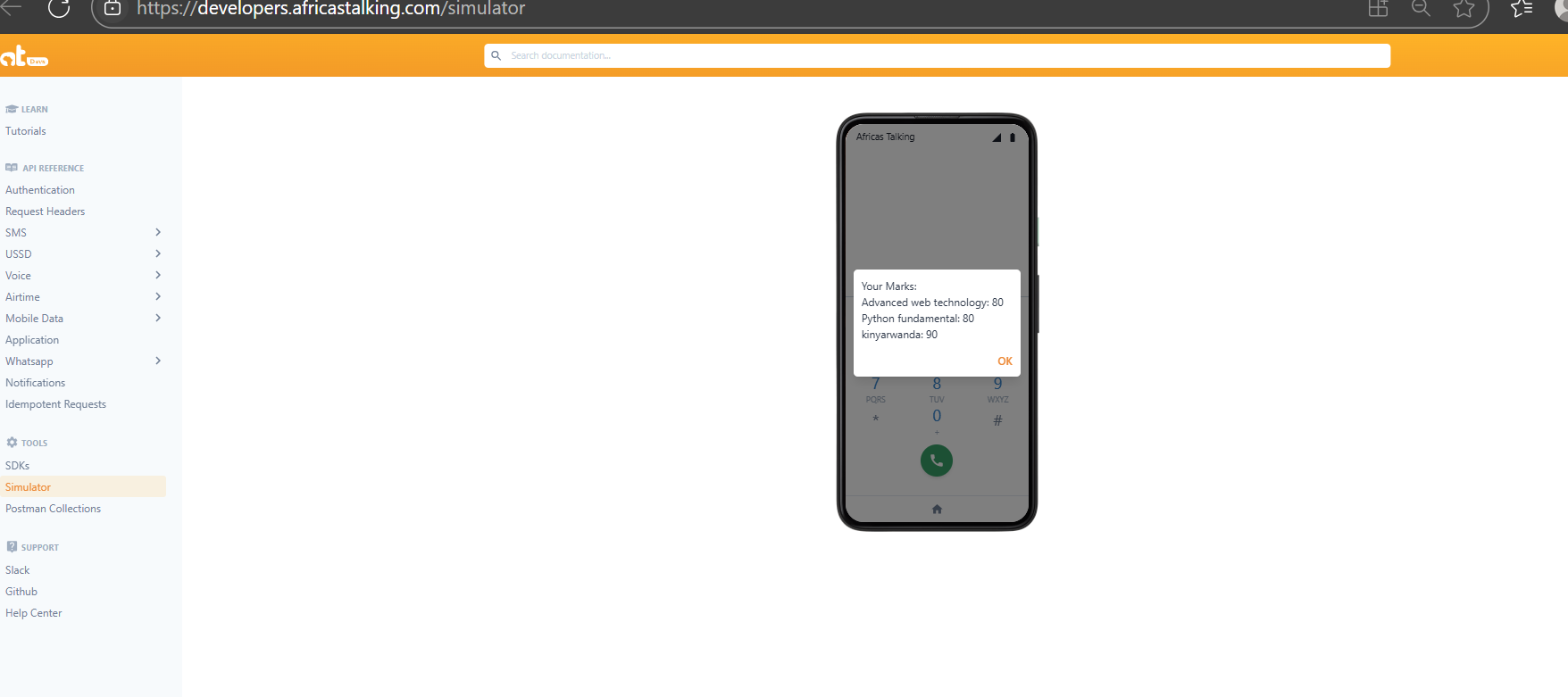


A screen shot of a cell phone

AI-generated content may be incorrect.



A screenshot of a phone

AI-generated content may be incorrect.

A screen shot of a cell phone

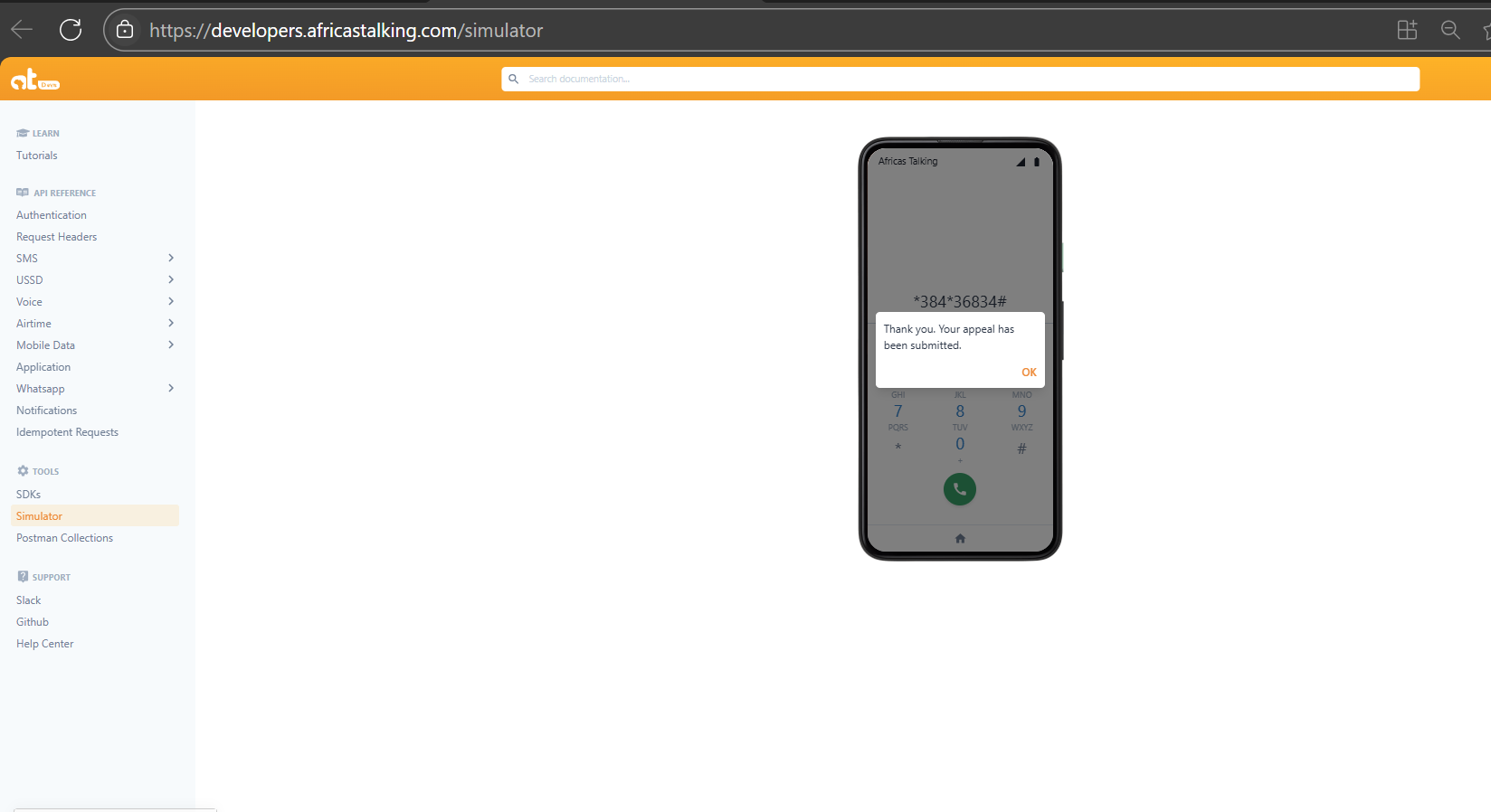
AI-generated content may be incorrect.

A screenshot of a phone

AI-generated content may be incorrect.

A screen shot of a phone

AI-generated content may be incorrect.



A login screen with a pink background

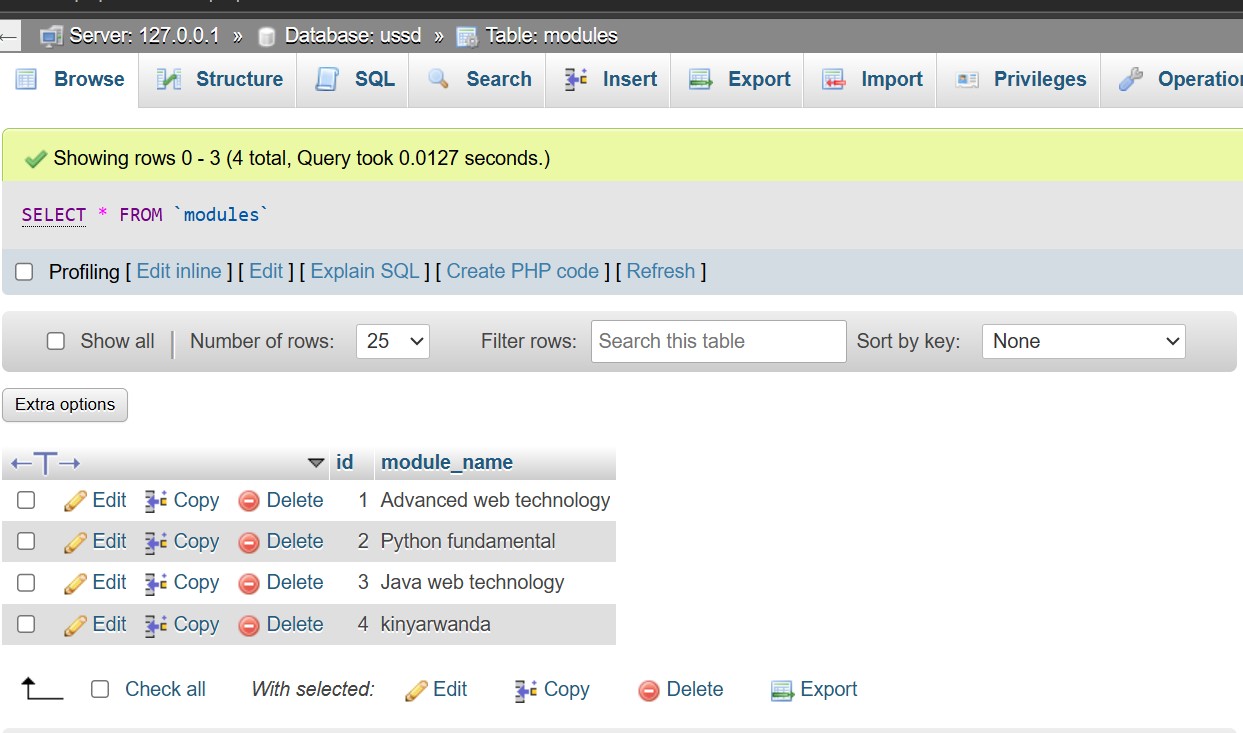
AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

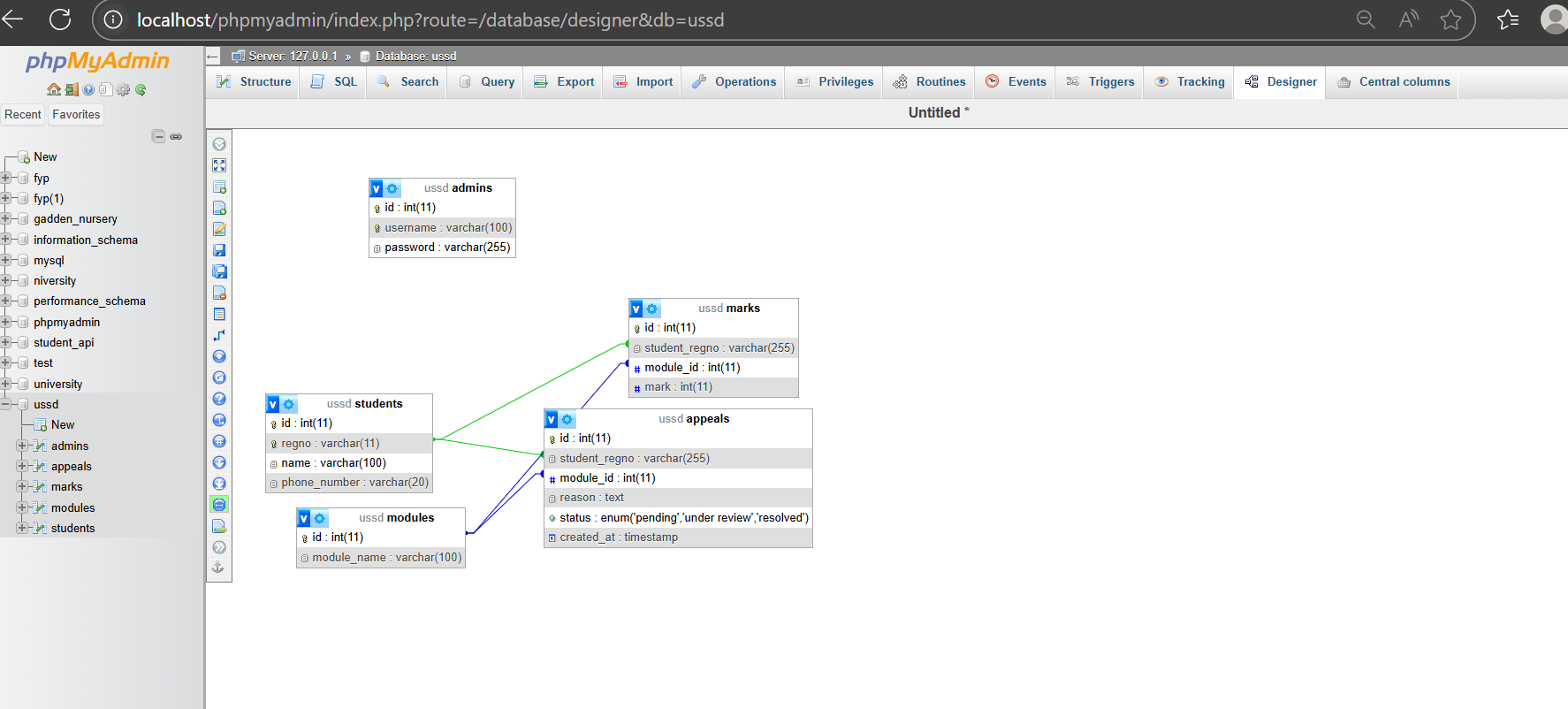


A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.



**Admin**

<?php

require 'db.php';

session\_start();

if (!isset($\_SESSION['admin'])) {

    header("Location: login.php");

    exit;

}

// Setup

$perPage = 5;

$page = isset($\_GET['page']) ? (int)$\_GET['page'] : 1;

$startAt = ($page - 1) \* $perPage;

$statusFilter = $\_GET['status'] ?? '';

$searchRegno = $\_GET['search'] ?? '';

$params = [];

$where = "";

if ($statusFilter && in\_array($statusFilter, ['pending', 'under review', 'resolved'])) {

    $where .= " AND a.status = ?";

    $params[] = $statusFilter;

}

if ($searchRegno) {

    $where .= " AND s.regno LIKE ?";

    $params[] = "%$searchRegno%";

}

$sql = "SELECT a.id, s.name AS student\_name, s.regno, m.module\_name, a.reason, a.status, mk.mark

        FROM appeals a

        JOIN students s ON a.student\_regno = s.regno

        JOIN modules m ON a.module\_id = m.id

        LEFT JOIN marks mk ON mk.student\_regno = s.regno AND mk.module\_id = m.id

        WHERE 1 $where

        LIMIT $startAt, $perPage";

$stmt = $pdo->prepare($sql);

$stmt->execute($params);

$appeals = $stmt->fetchAll();

// Total count for pagination

$countStmt = $pdo->prepare("SELECT COUNT(\*)

                            FROM appeals a

                            JOIN students s ON a.student\_regno = s.regno

                            WHERE 1 $where");

$countStmt->execute($params);

$totalAppeals = $countStmt->fetchColumn();

$totalPages = ceil($totalAppeals / $perPage);

?>

<!DOCTYPE html>

<html>

<head>

    <title>Admin - Appeals</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 30px;

            background-color:pink;

        }

        h2, h3 {

            color: white;

        }

        a {

            text-decoration: none;

            color:gray;

        }

        form {

            margin-bottom: 20px;

        }

        .filter-bar {

            display: flex;

            flex-wrap: wrap;

            gap: 10px;

            align-items: center;

        }

        input[type="text"], select, button {

            padding: 8px 12px;

            border: 1px solid #ccc;

            border-radius: 5px;

            font-size: 14px;

        }

        button {

            background-color:skyblue;

            color: white;

            border: none;

            cursor: pointer;

            transition: 0.2s;

        }

        button:hover {

            background-color: #218838;

        }

        table {

            width: 100%;

            border-collapse: collapse;

            background-color: white;

            box-shadow: 0 2px 6px rgba(0,0,0,0.05);

        }

        th, td {

            padding: 12px;

            text-align: left;

            border-bottom: 1px solid #ddd;

        }

        th {

            background-color: #f1f1f1;

        }

        td form {

            display: flex;

            align-items: center;

            gap: 8px;

        }

        .pagination {

            margin-top: 20px;

        }

        .pagination a {

            padding: 6px 12px;

            margin: 0 3px;

            background-color: #e9ecef;

            color: #333;

            border-radius: 4px;

        }

        .pagination a:hover {

            background-color: #d4d4d4;

        }

    </style>

</head>

<body>

<div style="background:skyblue; padding: 1px;color: white;border-radius: 5px 5px 5px 5px;">

<h2><a href="logout.php" style="float: right;margin-right:2% ;"><button style="float: right;background:red;color: white;">Logout</button></a></h2>

<h1 style="text-align: center;">STUDENT APPEALS MANAGEMENT SYSTEM</h1>

<h4 style="margin-left: 2%;">WELCOME, <?= $\_SESSION['admin'] ?> </h4>

</div>

<form method="get" class="filter-bar" style="margin-top: 2%;">

    <input type="text" name="search" placeholder="Search by RegNo" value="<?= htmlspecialchars($searchRegno) ?>">

    <select name="status">

        <option value="">-- Status Filter --</option>

        <option value="pending" <?= $statusFilter == 'pending' ? 'selected' : '' ?>>Pending</option>

        <option value="under review" <?= $statusFilter == 'under review' ? 'selected' : '' ?>>Under Review</option>

        <option value="resolved" <?= $statusFilter == 'resolved' ? 'selected' : '' ?>>Resolved</option>

    </select>

    <button type="submit">Filter</button>

</form>

<table>

    <tr>

        <th>#</th>

        <th>Student</th>

        <th>Module</th>

        <th>Marks</th>

        <th>Reason</th>

        <th>Status</th>

        <th>Action</th>

    </tr>

    <?php foreach ($appeals as $i => $a): ?>

    <tr>

        <td><?= $i+1 + $startAt ?></td>

        <td><?= htmlspecialchars($a['student\_name']) ?> (<?= $a['regno'] ?>)</td>

        <td><?= htmlspecialchars($a['module\_name']) ?></td>

        <td><?= is\_numeric($a['mark']) ? $a['mark'] : 'N/A' ?></td>

        <td><?= htmlspecialchars($a['reason']) ?></td>

        <td><?= ucfirst($a['status']) ?></td>

        <td>

            <form method="post" action="update\_status.php">

                <input type="hidden" name="id" value="<?= $a['id'] ?>">

                <select name="status">

                    <option <?= $a['status'] == 'pending' ? 'selected' : '' ?>>pending</option>

                    <option <?= $a['status'] == 'under review' ? 'selected' : '' ?>>under review</option>

                    <option <?= $a['status'] == 'resolved' ? 'selected' : '' ?>>resolved</option>

                </select>

                <button type="submit">Update</button>

            </form>

        </td>

    </tr>

    <?php endforeach; ?>

</table>

<div class="pagination">

    <?php for ($i = 1; $i <= $totalPages; $i++): ?>

        <a href="?page=<?= $i ?>&status=<?= urlencode($statusFilter) ?>&search=<?= urlencode($searchRegno) ?>"><?= $i ?></a>

    <?php endfor; ?>

</div>

</body>

</html>

**Database**

<?php

$host = 'localhost';

$db   = 'ussd';

$user = 'root';

$pass = '';

$charset = 'utf8mb4';

$dsn = "mysql:host=$host;dbname=$db;charset=$charset";

$options = [

    PDO::ATTR\_ERRMODE            => PDO::ERRMODE\_EXCEPTION,

    PDO::ATTR\_DEFAULT\_FETCH\_MODE => PDO::FETCH\_ASSOC,

];

try {

     $pdo = new PDO($dsn, $user, $pass, $options);

} catch (\PDOException $e) {

     throw new \PDOException($e->getMessage(), (int)$e->getCode());

}

**Login**

<?php

require 'db.php';

session\_start();

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $username = trim($\_POST['username']);

    $password = trim($\_POST['password']);

    $stmt = $pdo->prepare("SELECT \* FROM admins WHERE username = ?");

    $stmt->execute([$username]);

    $admin = $stmt->fetch();

    if ($admin && password\_verify($password, $admin['password'])) {

        $\_SESSION['admin'] = $admin['username'];

        header("Location: admin.php");

        exit;

    } else {

        $error = "Invalid credentials.";

    }

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>Admin Login</title>

    <style>

        /\* General Reset and Body Styling \*/

body {

    margin: 0;

    padding: 0;

    font-family: "Segoe UI", sans-serif;

    background:pink;

    color: #2c3e50;

}

/\* Container \*/

.container {

    max-width: 300px;

    margin: 60px auto;

    padding: 40px;

    background: skyblue;

    border-radius: 12px;

    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.08);

}

   .container:hover {

            background-color:gray;

        }

/\* Headings \*/

h2, h3 {

    text-align: center;

    margin-bottom: 25px;

    color: #1a252f;

}

/\* Forms \*/

form {

    display: flex;

    flex-direction: column;

    gap: 18px;

}

input[type="text"],

input[type="password"]{

    padding: 12px;

    border: 1px solid #dcdde1;

    border-radius: 8px;

    font-size: 15px;

    width: 90%;

    background-color: #f9f9f9;

    transition: border 0.2s ease-in-out;

}

input:focus, select:focus {

    outline: none;

    border-color: #3498db;

    background-color: #ffffff;

}

button {

    padding: 12px;

    background:green;

    border: none;

    color: white;

    border-radius: 8px;

    font-size: 16px;

    cursor: pointer;

    transition: background 0.2s;

}

button:hover {

    background:gray;

}

</style>

</head>

<body>

<h2>Admin Login</h2>

<div class="container">

<?php if (isset($error)) echo "<p style='color:red'>$error</p>"; ?>

<form method="post">

    Username: <input type="text" name="username" required>

    Password: <input type="password" name="password" type="password" required><br>

    <button type="submit">Login</button>

    <p style="text-align: center;">Already have admin account? <a href="register.php">Register</a></p>

</form>

</div>

</body>

</html>

**Logout**

<?php

require 'db.php';

session\_start();

session\_destroy();

header("Location: login.php");

exit;

**Register**

?>

<?php

require 'db.php';

// Check if an admin already exists

$stmt = $pdo->query("SELECT COUNT(\*) FROM admins");

$adminExists = $stmt->fetchColumn() > 0;

if ($adminExists) {

    header("Location: login.php");

    exit;

}

if ($\_SERVER['REQUEST\_METHOD'] === 'POST') {

    $username = $\_POST['username'];

    $password = password\_hash($\_POST['password'], PASSWORD\_DEFAULT);

    $stmt = $pdo->prepare("INSERT INTO admins (username, password) VALUES (?, ?)");

    $stmt->execute([$username, $password]);

    header("Location: login.php");

    exit;

}

?>

<html>

<head>

    <title>Admin register</title>

     <style>

        /\* General Reset and Body Styling \*/

body {

    margin: 0;

    padding: 0;

    font-family: "Segoe UI", sans-serif;

    background: #f4f6f9;

    color: #2c3e50;

}

/\* Container \*/

.container {

    max-width: 300px;

    margin: 60px auto;

    padding: 40px;

    background: navajowhite;

    border-radius: 12px;

    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.08);

}

/\* Headings \*/

h2, h3 {

    text-align: center;

    margin-bottom: 25px;

    color: #1a252f;

}

/\* Forms \*/

form {

    display: flex;

    flex-direction: column;

    gap: 18px;

}

input[type="text"],

input[type="password"]{

    padding: 12px;

    border: 1px solid #dcdde1;

    border-radius: 8px;

    font-size: 15px;

    width: 100%;

    background-color: #f9f9f9;

    transition: border 0.2s ease-in-out;

}

input:focus, select:focus {

    outline: none;

    border-color: #3498db;

    background-color: #ffffff;

}

button {

    padding: 12px;

    background: #3498db;

    border: none;

    color: white;

    border-radius: 8px;

    font-size: 16px;

    cursor: pointer;

    transition: background 0.2s;

}

button:hover {

    background: #2980b9;

}

</style>

</head>

<body>

<h2>Register Admin</h2>

<div class="container">

<form method="post">

    Username: <input type="text" name="username" required>

    Password: <input type="password" name="password" required><br>

    <button type="submit">Register</button>

    <p style="text-align: center;">Already have admin account? <a href="login.php">Login</a></p>

</form>

</div>

</body>

</html>

**Student**

<?php

// Get the variables sent via POST from the USSD gateway

$sessionId   = $\_POST["sessionId"];

$serviceCode = $\_POST["serviceCode"];

$phoneNumber = $\_POST["phoneNumber"];

$text        = $\_POST["text"];

require 'db.php'; // include DB connection

// Explode user input to track levels in the menu

$inputArray = explode("\*", $text);

$level = count($inputArray);

if ($text == "") {

    // Main menu

    $response  = "CON Welcome to the Marks Appeal System\n";

    $response .= "1. Check my marks\n";

    $response .= "2. Appeal my marks\n";

    $response .= "3. Exit";

} else if ($inputArray[0] == "1") {

    // Check Marks

    if ($level == 1) {

        $response = "CON Enter your Student Reg number:";

    } else {

        $studentRegno = $inputArray[1];

        $stmt = $pdo->prepare("SELECT m.module\_name, mk.mark FROM marks mk JOIN modules m ON mk.module\_id = m.id WHERE mk.student\_regno = ?");

        $stmt->execute([$studentRegno]);

        $marks = $stmt->fetchAll();

        if ($marks) {

            $response = "END Your Marks:\n";

            foreach ($marks as $m) {

                $response .= "{$m['module\_name']}: {$m['mark']}\n";

            }

        } else {

            $response = "END Student Reg number not found. Please try again.";

        }

    }

} else if ($inputArray[0] == "2") {

    // Appeal process

    if ($level == 1) {

        $response = "CON Enter your Student Reg number:";

    } else if ($level == 2) {

        $studentRegno = $inputArray[1];

        // fetch modules

        $stmt = $pdo->prepare("SELECT m.module\_name, mk.mark, m.id FROM marks mk JOIN modules m ON mk.module\_id = m.id WHERE mk.student\_regno = ?");

        $stmt->execute([$studentRegno]);

        $modules = $stmt->fetchAll();

        if ($modules) {

            $response = "CON Select the module to appeal:\n";

            foreach ($modules as $index => $mod) {

                $response .= ($index + 1) . ". {$mod['module\_name']}: {$mod['mark']}\n";

            }

        } else {

            $response = "END Student Reg number not found.";

        }

    } else if ($level == 3) {

        $moduleIndex = (int)$inputArray[2] - 1;

        $studentRegno = $inputArray[1];

        // Fetch the correct module

        $stmt = $pdo->prepare("SELECT m.module\_name, mk.mark, m.id FROM marks mk JOIN modules m ON mk.module\_id = m.id WHERE mk.student\_regno = ?");

        $stmt->execute([$studentRegno]);

        $modules = $stmt->fetchAll();

        $selectedModule = $modules[$moduleIndex] ?? null;

        if ($selectedModule) {

            $response = "CON Enter the reason for your appeal:";

        } else {

            $response = "END Invalid module selection.";

        }

    } else if ($level == 4) {

$studentRegno = $inputArray[1];

$moduleIndex = (int)$inputArray[2] - 1;

$reason = trim(end($inputArray)); // Safely get the reason

try {

    // Fetch module id

    $stmt = $pdo->prepare("SELECT m.id FROM marks mk JOIN modules m ON mk.module\_id = m.id WHERE mk.student\_regno = ?");

    $stmt->execute([$studentRegno]);

    $modules = $stmt->fetchAll();

    if (isset($modules[$moduleIndex])) {

        $moduleId = $modules[$moduleIndex]['id'];

        // Insert appeal

        $stmt = $pdo->prepare("INSERT INTO appeals(student\_regno, module\_id, reason, status) VALUES (?, ?, ?, 'pending')");

        $stmt->execute([$studentRegno, $moduleId, $reason]);

        $response = "END Thank you. Your appeal has been submitted.";

    } else {

        $response = "END Invalid module selected.";

    }

} catch (Exception $e) {

    $response = "END Sorry, a system error occurred. Please try again.";

}

    }

} else if ($inputArray[0] == "3") {

    $response = "END Thank you for using the system.";

} else {

    $response = "END Invalid input. Please try again.";

}

header('Content-type: text/plain');

echo $response;

/\* General Reset and Body Styling \*/

body {

    margin: 0;

    padding: 0;

    font-family: "Segoe UI", sans-serif;

    background: #f4f6f9;

    color: #2c3e50;

}

/\* Container \*/

.container {

    max-width: 900px;

    margin: 60px auto;

    padding: 40px;

    background: #ffffff;

    border-radius: 12px;

    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.08);

}

/\* Headings \*/

h2, h3 {

    text-align: center;

    margin-bottom: 25px;

    color: #1a252f;

}

/\* Forms \*/

form {

    display: flex;

    flex-direction: column;

    gap: 18px;

}

input[type="text"],

input[type="password"],

select {

    padding: 12px;

    border: 1px solid #dcdde1;

    border-radius: 8px;

    font-size: 15px;

    width: 100%;

    background-color: #f9f9f9;

    transition: border 0.2s ease-in-out;

}

input:focus, select:focus {

    outline: none;

    border-color: #3498db;

    background-color: #ffffff;

}

button {

    padding: 12px;

    background: #3498db;

    border: none;

    color: white;

    border-radius: 8px;

    font-size: 16px;

    cursor: pointer;

    transition: background 0.2s;

}

button:hover {

    background: #2980b9;

}

/\* Table Styling \*/

table {

    width: 100%;

    border-collapse: collapse;

    margin-top: 25px;

}

th, td {

    padding: 14px 12px;

    text-align: left;

    border-bottom: 1px solid #e1e4e8;

}

th {

    background-color: #f1f4f8;

    font-weight: 600;

    color: #34495e;

}

tr:nth-child(even) {

    background-color: #fafafa;

}

/\* Pagination \*/

.pagination {

    margin-top: 20px;

    text-align: center;

}

.pagination a {

    display: inline-block;

    padding: 8px 14px;

    margin: 0 4px;

    background: #ecf0f1;

    color: #2c3e50;

    text-decoration: none;

    border-radius: 6px;

    transition: background 0.2s;

}

.pagination a.active,

.pagination a:hover {

    background: #3498db;

    color: white;

}

/\* Flex Filter/Search Bar \*/

.filter-bar {

    display: flex;

    flex-wrap: wrap;

    gap: 10px;

    margin-bottom: 20px;

    align-items: center;

    justify-content: space-between;

}

.filter-bar input[type="text"],

.filter-bar select {

    flex: 1 1 auto;

    min-width: 150px;

}

.filter-bar button {

    white-space: nowrap;

    flex-shrink: 0;

}

/\* Logout Link \*/

.logout-link {

    float: right;

    text-decoration: none;

    color: #e74c3c;

    font-size: 14px;

    margin-bottom: 10px;

}

.logout-link:hover {

    text-decoration: underline;

}

/\* Status Badges \*/

.status {

    display: inline-block;

    padding: 6px 10px;

    border-radius: 20px;

    font-size: 13px;

    text-transform: capitalize;

    font-weight: bold;

}

.status.pending {

    background-color: #f1c40f;

    color: #fff;

}

.status["under review"] {

    background-color: #3498db;

    color: #fff;

}

.status.resolved {

    background-color: #2ecc71;

    color: #fff;

}

**Update\_status**

<?php

require 'db.php';

$id = $\_POST['id'] ?? null;

$status = $\_POST['status'] ?? null;

if ($id && in\_array($status, ['pending', 'under review', 'resolved'])) {

    $stmt = $pdo->prepare("UPDATE appeals SET status = ? WHERE id = ?");

    $stmt->execute([$status, $id]);

}

header("Location: admin.php");

exit;