A close-up of a computer screen

AI-generated content may be incorrect.

A screen shot of a phone

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A screenshot of a phone

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A screenshot of a cell phone

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A screenshot of a login form

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A screenshot of a dashboard

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**Code**

**Student.php**

<?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 ID not found. Please try again or contact support.";

        }

    }

} 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 successfully. You will be notified of the outcome soon.";

    } 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;

**update status.php**

<?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;