**<!-- Mangae-data.php -->**

<?php

header('Access-Control-Allow-Origin: \*');

// Define database connection parameters

$hn = 'localhost';

$un = 'root';

$pwd = '';

$db = 'ckkcheck';

$cs = 'utf8';

// Set up the PDO parameters

$dsn = "mysql:host=" . $hn . ";port=3306;dbname=" . $db . ";charset=" . $cs;

$opt = array(

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

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

PDO::ATTR\_EMULATE\_PREPARES => false,

);

// Create a PDO instance (connect to the database)

$pdo = new PDO($dsn, $un, $pwd, $opt);

// Retrieve specific parameter from supplied URL

$key = strip\_tags($\_REQUEST['key']);

$data = array();

// Determine which mode is being requested

switch($key)

{

// Add a new record to the technologies table

case "create":

// Sanitise URL supplied values

$name = filter\_var($\_REQUEST['name'], FILTER\_SANITIZE\_STRING, FILTER\_FLAG\_ENCODE\_LOW);

$description = filter\_var($\_REQUEST['description'], FILTER\_SANITIZE\_STRING, FILTER\_FLAG\_ENCODE\_LOW);

// Attempt to run PDO prepared statement

try {

$sql = "INSERT INTO technologies(name, description) VALUES(:name, :description)";

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

$stmt->bindParam(':name', $name, PDO::PARAM\_STR);

$stmt->bindParam(':description', $description, PDO::PARAM\_STR);

$stmt->execute();

echo json\_encode(array('message' => 'Congratulations the record ' . $name . ' was added to the database'));

}

// Catch any errors in running the prepared statement

catch(PDOException $e)

{

echo $e->getMessage();

}

break;

// Update an existing record in the technologies table

case "update":

// Sanitise URL supplied values

$name = filter\_var($\_REQUEST['name'], FILTER\_SANITIZE\_STRING, FILTER\_FLAG\_ENCODE\_LOW);

$description = filter\_var($\_REQUEST['description'], FILTER\_SANITIZE\_STRING, FILTER\_FLAG\_ENCODE\_LOW);

$recordID = filter\_var($\_REQUEST['recordID'], FILTER\_SANITIZE\_NUMBER\_INT);

// Attempt to run PDO prepared statement

try {

$sql = "UPDATE technologies SET name = :name, description = :description WHERE id = :recordID";

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

$stmt->bindParam(':name', $name, PDO::PARAM\_STR);

$stmt->bindParam(':description', $description, PDO::PARAM\_STR);

$stmt->bindParam(':recordID', $recordID, PDO::PARAM\_INT);

$stmt->execute();

echo json\_encode('Congratulations the record ' . $name . ' was updated');

}

// Catch any errors in running the prepared statement

catch(PDOException $e)

{

echo $e->getMessage();

}

break;

// Remove an existing record in the technologies table

case "delete":

// Sanitise supplied record ID for matching to table record

$recordID = filter\_var($\_REQUEST['recordID'], FILTER\_SANITIZE\_NUMBER\_INT);

// Attempt to run PDO prepared statement

try {

$pdo = new PDO($dsn, $un, $pwd);

$sql = "DELETE FROM technologies WHERE id = :recordID";

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

$stmt->bindParam(':recordID', $recordID, PDO::PARAM\_INT);

$stmt->execute();

echo json\_encode('Congratulations the record ' . $name . ' was removed');

}

// Catch any errors in running the prepared statement

catch(PDOException $e)

{

echo $e->getMessage();

}

break;

}

?>