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**Batch : B2:**

**Roll No. : 16010421119**

**Course: Web-Programming – II**

**Experiment No. : 6**

# AIM : Integration of PHP with NoSql Database index.php

<!DOCTYPE html>

<html>

<head>

<title>Database Operations</title>

<style>

.container { display: flex; flex-wrap: wrap;

justify-content: center; /\* Center the containers

horizontally \*/

}

.row { width: 100%;

display: flex;

justify-content: space-between; /\* Spread the parts evenly within a row \*/

margin-bottom: 20px; /\* Add space between rows \*/

}

.part { width: 48%;

margin: 1%; padding: 20px;

border: 1px solid #ccc;

box-shadow: 0px 0px 5px 0px #ccc;

}

.part h2 {

text-align: center;

}

.button-container { text-align: center;

}

.database-buttons { text-align: center;

}

</style>

</head>

<body>

<h1>Database Operations</h1>

<div class="container">

<div class="row">

<div class="part">

<h2>Select Database</h2>

<div class="database-buttons">

<button onclick="showConnection('nosql')">NoSQL</button>

</div>

</div>

<iframe class="part" src="" name="connection"></iframe>

</div>

<div class="row">

<div class="part">

<h2>CRUD Operations</h2>

<div class="button-container">

<button onclick="showCRUD('insert')">Insert</button>

<button onclick="showCRUD('update')">Update</button>

<button

onclick="showCRUD('delete')">Delete</button> <!-- Added "Delete" button -->

</div>

</div>

<iframe class="part" src="" name="crud"></iframe>

</div>

</div>

<script>

function showConnection(database) { parent.frames['connection'].location.href =

`connection.php?db=${database}`;

}

function showCRUD(operation) { parent.frames['crud'].location.href =

`crud.php?operation=${operation}`;

}

</script>

</body>

</html>

# connection.php

<!DOCTYPE html>

<html>

<head>

<title>Connection Code</title>

</head>

<body>

<?php

if ($selectedDB === 'nosql') { try {

$noSqlClient = new NoSqlClient('connection-options');

$noSqlDatabase =

$noSqlClient->selectDatabase('your-database-name'); echo "<pre>Connected to NoSQL database

successfully.</pre>";

} catch (NoSqlException $e) {

echo "<pre>Error connecting to NoSQL: " .

$e->getMessage() . "</pre>";

}

}

}

?>

</body>

</html>

# crud.php

<!DOCTYPE html>

<html>

<head>

<title>CRUD Operations</title>

</head>

<body>

<?php

if ($selectedDB === 'nosql') {

$nosqlConnection = new YourNoSQLLibrary\Connection();

$nosqlCollection =

$nosqlConnection->selectCollection('your\_collection\_name');

$document = ['key' => 'value'];

$nosqlCollection->insertOne($document);

$filter = ['key' => 'value'];

$update = ['$set' => ['key' => 'updated\_value']];

$nosqlCollection->updateOne($filter, $update);

$nosqlCollection->deleteOne($filter);

$cursor = $nosqlCollection->find([]); foreach ($cursor as $document) {

echo "NoSQL document: " . json\_encode($document) . "<br>";

}

}

?>

</body>

</html>

# OUTCOMES :

**CO4**

# Demonstrate the use advanced features such as REST API, email handling,

**localization and internationalization in PHP**

# CONCLUSION:

**Attempted integration of PHP with NoSql Database successfully and learnt the key concepts alongside.**