 Marwadi University Marwadi Chandarana Group	NAAC A+	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Internet and Web Technology (01CT0408)	Aim: Develop a PHP application to provide the functionality of Text Sharing based on a 4-digit random number. (i.e. online clipboard), Data should be stored in the MySQL database.		
Assignment:- 04	Date:- 13-04-2024	Enrollment No:- 92200133030	

Objective:- Develop a PHP application to provide the functionality of Text Sharing based on a 4-digit random number. (i.e. online clipboard), Data should be stored in the MySQL database.

HTML Code :-


```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Message Sharing</title>
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
  <style>
    body {
      padding-top: 50px;
    }

    .container {
      max-width: 600px;
    }

    .form-group {
      margin-bottom: 20px;
    }

    textarea {
      resize: none;
    }
  </style>
</head>

<body>
  <div class="container">
    <h2>Message Sharing</h2>
    <form action="index.php" method="post">
      <div class="form-group">
        <label for="txtSender">Enter your message:</label>
        <textarea class="form-control" name="txtSender" id="txtSender" cols="30" rows="5"></textarea>
      </div>
      <button type="submit" class="btn btn-primary" name="send">Send</button>
    </form>
    <hr>
  <?php
  require_once('db.connect.php');
  if (isset($_REQUEST["send"])) {
    if (isset($_REQUEST["txtSender"]) && $_REQUEST["txtSender"] != " ") {
      $code = rand(1000, 9999);
```

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$text = $_REQUEST["txtSender"];
$sql_insert = "INSERT INTO `Table` VALUES ($code, '$text')";
if (mysqli_query($link, $sql_insert)) {
    echo "<p class='text-success'>Data inserted successfully. Use Code: " . $code . "</p>";
} else {
    echo "<p class='text-danger'>ERROR: Could not execute $sql_insert. " . mysqli_error($link) . "</p>";
}
} else {
    echo "<p class='text-danger'>Please enter text to share!</p>";
}
}
?>
<form action="" method="post">
<div class="form-group">
<label for="txtCode">Enter code to fetch message:</label>
<input type="text" class="form-control" name="txtCode" id="txtCode">
</div>
<button type="submit" class="btn btn-primary" name="fetch">Fetch</button>
</form>
<?php
if (isset($_REQUEST['fetch'])) {
    if ($_REQUEST['txtCode'] != " ") {
        $sql_fetch = "SELECT msg FROM `Table` WHERE id = " . $_REQUEST['txtCode'];
        if ($result = mysqli_query($link, $sql_fetch)) {
            if (mysqli_num_rows($result) > 0) {
                while ($row = mysqli_fetch_array($result)) {
                    echo "<p class='mt-3'><strong>Message:</strong> " . $row['msg'] . "</p>";
                }
            } else {
                echo "<p class='text-danger'>No such code available.</p>";
            }
        }
    }
}
mysqli_close($link);
?>
</div>
</body>

</html>

```



PHP Code :-

```

<?php
$link = mysqli_connect("localhost", "root", "", "demo");

if($link === false){
    die("ERROR: Could not connect. " . mysqli_connect_error());
}
$sql = "CREATE TABLE IF NOT EXISTS `Table` (
    id int(4) not null PRIMARY KEY ,

```

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```
msg varchar(255) not null
)";
```

```
if(mysqli_query($link, $sql)){
    echo "Table created successfully.";
} else{
    echo "ERROR: Could not able to execute $sql. " . mysqli_error($link);
}
?>
```

Output :-

Message Sharing

Enter your message:

Send

Table created successfully.

Enter code to fetch message:

Fetch