**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);

$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 ,

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 :-**

