**PYTHON MODULES:**

#!C:\Users\Gokul\AppData\Local\Programs\Python\Python37-32\python.exe

import math

import random as rm

import cgi

import mysql.connector

def isEven(num):

if num & 1 == 0:

return True

return False

# function for finding out wheather number is prime or not

def isPrime(num):

if isEven(num):

return False

for i in range(2 , int(math.sqrt(num))+1):

if num % i == 0:

return False

else:

return True

def GCD(small , big):

for i in range(small , 0 , -1):

if big % i == 0 and small % i == 0:

return i

else:

return 1

def nmGenerator(p,q):

return p\*q , (p-1)\*(q-1)

# function to generate PUBLIC KEY

def eGenerator(m):

eArr = []

for i in range(1,10):

if GCD(i,m)==1:

eArr.append(i)

while True:

e = rm.choice(eArr)

if e > 1 and e < m:

return e

# function to generate PRIVATE KEY

def dGenerator(e,m):

ee = e % m

for i in range(m):

if (ee \* i )% m== 1:

return i

def main():

print('context-type:text/html\r\n\r\n')

form=cgi.FieldStorage()

mob=str(form.getvalue("user\_mob\_rmpy"))

PrimeList = [x for x in range(10,200) if isPrime(x)]

while True:

p = rm.choice(PrimeList)

q = rm.choice(PrimeList)

if p != q:

break

if isPrime(p) and isPrime(q):

n,m = nmGenerator(p,q)

e = eGenerator(m)

fd = open("Repository.txt","w")

fd.write(str(n)+"\n"+str(e))

fd.close()

d = dGenerator(e,m)

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="",

database="rsa"

)

mycursor = mydb.cursor()

sql = "SELECT COUNT(\*) FROM keyLog WHERE mobileNumber = %s"

adr = (mob, )

mycursor.execute(sql, adr)

myresult = mycursor.fetchone()

if myresult[0] == 0:

sql = "INSERT INTO keyLog (mobileNumber, modulus, publicKey) VALUES (%s, %s, %s)"

val = (mob, n, e)

mycursor.execute(sql, val)

mydb.commit()

else:

sql = "UPDATE keyLog SET modulus = %s, publicKey = %s WHERE mobileNumber = %s"

val = (n, e, mob)

mycursor.execute(sql, val)

mydb.commit()

print('<html>')

print('<body><center>')

print('<h1>Please Remember Your Private Key is %s</h1>'%d)

print('<h1>Public key is %s</h1>'%e)

print('<h1>Modulus is %s</h1>'%n)

print('</center></body></html>')

if \_\_name\_\_ == '\_\_main\_\_':

main()

#!C:\Users\Gokul\AppData\Local\Programs\Python\Python37-32\python.exe

import cgi,os

import mysql.connector

from PIL import Image

#function for generating RGB value from given int value

#function for generating RGB value from given int value

def getRGBfromI(RGBint):

blue = RGBint & 255

green = (RGBint >> 8) & 255

red = (RGBint >> 16) & 255

return red, green, blue

#function for generating int value from given RGB value

def getIfromRGB(rgb):

red = rgb[0]

green = rgb[1]

blue = rgb[2]

RGBint = (red<<16) + (green<<8) + blue

return RGBint

def encryption(mesg,e,n):

C = []

new = []

for i in mesg:

new.append(ord(i))

for i in new:

C.append((int(int(i) \*\* e))%n)

return C

def main():

print('context-type:text/html\r\n\r\n')

form=cgi.FieldStorage()

mob=str(form.getvalue("user\_mob\_smpy"))

recmob=str(form.getvalue("rec\_mob\_smpy"))

mesg=str(form.getvalue("sender\_msg"))

fle=form['filename']

fn=os.path.basename(fle.filename)

open("C:/xampp/htdocs/RSA/Bpython/images/"+fn,"wb").write(fle.file.read())

full\_fn="C:/xampp/htdocs/RSA/Bpython/images/"+fn

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="",

database="rsa"

)

mycursor = mydb.cursor()

sql = "SELECT modulus,publicKey FROM keyLog WHERE mobileNumber = %s"

adr = (recmob, )

mycursor.execute(sql, adr)

myresult = mycursor.fetchall()

print('<html>')

print('<body><center>')

#print('<h1>modulus is : %s</h1>'%n)

#print("<h1>Total rows are: %s</h1>"%len(myresult))

#print("Printing each row")

for row in myresult:

n=row[0]

e=row[1]

mycursor.close()

print("<h1>message sent is: %s</h1>"%mesg)

data1 = encryption(mesg,e,n)

print("<h1>encrypted message is : %s </h1>"%data1)

#print ('Passed input data1 is %s \n'%data1)

img=Image.open(full\_fn)

px=img.load();

#code to overide the pixel value with encrypted binary value

for j in range(len(mesg)):

#i in data1:

r,g,b = getRGBfromI(data1[j]) # generate RGB value for each entry in cipher text

#print(r,g,b)

px[0,j] = (r,g,b) # hiding data behind pixel (overriding values)

print(px[0,j])

k=len(mesg)

#insert into database the credentials

insertMessage = mydb.cursor()

sql\_insert = "INSERT INTO messageLog (senderMob, receiverMob, msgLength) VALUES (%s, %s, %s)"

insert\_val = (mob, recmob, k)

insertMessage.execute(sql\_insert, insert\_val)

mydb.commit()

mesgID=mydb.cursor()

sql\_retrieve = "select max(msg\_id) as mid from messageLog where senderMob = %s"

adhere\_mob = (mob, )

mesgID.execute(sql\_retrieve, adhere\_mob)

mymsg = mesgID.fetchone()

#print("the msg id is %s"%mymsg[0])

temp\_id = str(mymsg[0])

#print("the msg id is %s"%temp\_id)

target\_fn ="./enc\_images/"+mob+"-"+temp\_id+"-"+fn

#print("\n image path is %s\n"%target\_fn)

img.save(target\_fn)

updateImage=mydb.cursor()

sql\_update = "UPDATE messageLog set stegImg = %s WHERE msg\_id = %s"

update\_val = (target\_fn, temp\_id)

updateImage.execute(sql\_update, update\_val)

mydb.commit()

print('<table><tr><th>Sender Mobile</th><th>Receiver Mobile</th></tr>')

print('<tr><td>%s</td>'%mob)

print('<td>%s</td></tr></table><br><br>'%recmob)

print('<table><tr><th>Source Image</th><th>Encrypted Image</th></tr>')

print('<tr><td><img src=images/%s></td>'%fn)

print('<td><img src=%s></td></tr></table>'%target\_fn)

print('</center></body></html>')

if \_\_name\_\_ == '\_\_main\_\_':

main()

#!C:\Users\Gokul\AppData\Local\Programs\Python\Python37-32\python.exe

import cgi

import mysql.connector

from PIL import Image

# function to decrypt data

def getRGBfromI(RGBint):

blue = RGBint & 255

green = (RGBint >> 8) & 255

red = (RGBint >> 16) & 255

return red, green, blue

#function for generating int value from given RGB value

def getIfromRGB(rgb):

red = rgb[0]

#print('<h1>value of red is %s</h1>'%red)

green = rgb[1]

#print('<h1>value of greem is %s</h1>'%green)

blue = rgb[2]

#print('<h1>value of blue is %s</h1>'%blue)

RGBint = (red<<16) + (green<<8) + blue

#print('<h1>value of RGB is %s</h1>'%RGBint)

return RGBint

def decryption(C,d,n):

P = []

new = []

#print('<h1>Hi inside decrytpion</h1>')

#print('<h1>Encrypted data value is %s</h1>'%C)

#print('<h1>modulus values is %s</h1>'%n)

#print('<h1>private key is %s</h1>'%d)

for i in C:

#print('<h1> encrypted value is %s </h1>'%i)

new.append((int(int(i) \*\* int(d)))%n)

for i in new:

#print('<h1> decrypted value in new loop is %s</h1>'%i)

P.append(chr(i))

#print('<h1>message is %s</h1>'%P)

return P

def main():

print('context-type:text/html\r\n\r\n')

form=cgi.FieldStorage()

msg\_id=str(form.getvalue("msglog\_id"))

priv\_key=str(form.getvalue("PrivKey\_rmbpy"))

mydb = mysql.connector.connect(

host="localhost",

user="root",

password="",

database="rsa"

)

mycursor = mydb.cursor()

sql = "SELECT stegImg,msgLength FROM messageLog WHERE msg\_id = %s"

adr = (msg\_id, )

mycursor.execute(sql, adr)

myresult = mycursor.fetchall()

for row in myresult:

path\_name=row[0]

msg\_len=row[1]

mycursor.close()

print('<html>')

print('<body><center>')

#print('<h1>path name is %s</h1>'%path\_name)

print('<h1>msg length is %s</h1>'%msg\_len)

mymodulus = mydb.cursor()

sql\_n = "SELECT modulus FROM keyLog WHERE mobileNumber in(Select receiverMob from messageLog where msg\_id = %s)"

adr\_n = (msg\_id, )

mymodulus.execute(sql\_n, adr\_n)

myresult1 = mymodulus.fetchone()

n = myresult1[0]

print('<h1>modulus values is %s</h1>'%n)

img=Image.open(path\_name)

px=img.load();

print('<h1>file open successful %s</h1>'%img)

#for i in range(30):

#for j in range(30):

#print(" seatch rgb value of pixel %s "%str(px[i,j]))

data1 = []

for j in range(int(msg\_len)):

#print("rgb value of pixel %s "%str(px[0,j]))

a = getIfromRGB(px[0,j]) # geting value of cipher text from image

data1.append(a)

print('<h1> RGBtoI value is %s </h1>'%data1)

print('<img src=%s>'%path\_name)

C = data1

d = priv\_key

mesg = str(decryption(C,d,n))

print('<h1>Message is %s</h1>'%mesg)

print('</center></body></html>')

if \_\_name\_\_ == '\_\_main\_\_':

main()

**HTML AND PHP CODE:**

<?php

header("Location: ./login.php");

exit();

?>

<?php

if (isset($\_SESSION["uid"])) {

$msg = 'Alredy logged in';

exit();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

<style>

.login-form {

width: 340px;

margin: 50px auto;

}

.login-form form {

margin-bottom: 15px;

background: #f7f7f7;

box-shadow: 0px 2px 2px rgba(0, 0, 0, 0.3);

padding: 30px;

}

.login-form h2 {

margin: 0 0 15px;

}

.form-control,

.btn {

min-height: 38px;

border-radius: 2px;

}

.input-group-addon .fa {

font-size: 18px;

}

.btn {

font-size: 15px;

font-weight: bold;

}

.bottom-action {

font-size: 14px;

}

</style>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="index2.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin == 1) { ?> <i class="fa fa-usersecret"></i> <?php } ?> Welcome

<?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="#"> <i class="fa fa-briefcase"></i> My Bookings</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else { ?>

<!-- Set rightside navbar links if user has signed-in -->

<ul class="navbar-nav navbar-right">

<li class="nav-item">

<a class="nav-link" href="./login.php"><i class="fa fa-sign-in"></i> Login</a>

</li>

</ul>

<?php } ?>

</div>

</nav>

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link">AS A RECEIVER</a>

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link">LOG IN AS RECEIVER TO GENERATE KEY </a>

</li>

<li class="nav-item">

<a class="nav-link">LOG IN AS RECEIVER TO SEE MESSAGES SENT TO YOU</a>

</li>

</ul>

</nav>

</li>

<li class="nav-item">

<a class="nav-link">AS A SENDER</a>

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link">LOG IN AS SENDER TO SEND MESSAGES </a>

</li>

</ul>

</nav>

</li>

<li class="nav-item">

<a class="nav-link">NOTE!</a>

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link">PLEASE LOG OUT ONCE U GENERATE KEY AS A RECEIVER</a>

</li>

<li class="nav-item">

<a class="nav-link">PLEASE LOG OUT ONCE U SNED MESSAGE AS A SENDER</a>

</li>

</ul>

</nav>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8">

<!--include specific code for your screen -->

<div class="container-sm" style="Width:40%">

<div class="login-form">

<!-- <form action="./index2.php" method="post"> -->

<form name="loginForm" method="post">

<h2 class="text-center">Sign In</h2>

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<span class="fa fa-user"></span>

</span>

</div>

<input type="text" name="uid" id="uid" class="form-control" placeholder="Username" required>

</div>

</div>

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<i class="fa fa-lock"></i>

</span>

</div>

<input type="password" name="pwd" id="pwd" class="form-control" placeholder="Password" required>

</div>

</div>

<div class="form-group">

<button type="submit" name="login" class="btn btn-primary btn-block" onclick="return loginSubmit();">Log in</button>

</div>

<div class="bottom-action clearfix">

<label class="float-left form-check-label"><input type="checkbox" name="isadmin" id="isadmin"> Login as

Sender</label>

<a href="#" class="float-right">Forgot Password?</a>

</div>

</form>

<p class="text-center small">Don't have an account! <a href="addRegistration.php">Sign up here</a>.

</p>

</div>

</div>

</div>

<!--

<div class="navbar fixed-bottom">

<div class="container-fluid text-center bg-primary text-white fill-height pt-3">

<h3> Developed using following technology stack: PHP, MySQL, Apache, HTML5, CSS, Bootstrap, Javascript.

</h3>

</div>

</div>

-->

<script language="Javascript">

function loginSubmit() {

fuid=document.getElementById('uid').value;

fpwd=document.getElementById('pwd').value;

if (fuid == "" || fpwd == "") {

exit;

} else {

const cb = document.getElementById('isadmin');

if (cb.checked == true) {

document.loginForm.action = "sendMessage.php";

} else {

document.loginForm.action = "receiveMessage.php";

}

document.loginForm.submit(); // Submit the page

return true;

}

}

</script>

</body>

</html>

<?php

session\_start();

unset($\_SESSION["uid"]);

unset($\_SESSION["pwd"]);

unset($\_SESSION["valid"]);

//echo 'You have cleaned session';

//header('Refresh: 2; URL = login.php');

//header("Refresh: 2; Location: ./index2.php");

header("Refresh: 1; URL = index.php");

exit();

?>

<?php

//Test Sessions variable with hardcoding

// $\_SESSION["uid"]="Karups";

// $\_SESSION["pwd"]="1234";

if (isset($\_SESSION["uid"])) {

$uid = $\_SESSION["uid"];

}

if (

isset($\_POST["login"]) && !empty($\_POST["uid"])

&& !empty($\_POST["pwd"])

) {

if (empty($\_POST["isadmin"])) {

$isadmin = FALSE;

$\_SESSION["isadmin"] = FALSE;

} else {

$isadmin = TRUE;

$\_SESSION["isadmin"] = TRUE;

}

$uid = $\_POST['uid'];

$pwd = $\_POST['pwd'];

include './database/config/config.php';

// if Login as Admin is checked, use admin table. Or use user table.

if ($isadmin) {

if ($connection == "local") {

$t\_admin = "admin";

} else {

$t\_admin = "$database.admin";

}

} else {

if ($connection == "local") {

$t\_customer = "customer";

} else {

$t\_customer = "$database.customer";

}

}

//echo "table name is $t\_user";

try {

$db = new PDO("mysql:host=$host", $user, $password, $options);

//echo "Database connected successfully <BR>";

if ($isadmin) {

$sql\_select = "Select \* from $t\_admin where admin\_username = '$uid' and admin\_pwd = '$pwd'";

//echo "SQL Statement is : $sql\_select <BR>";

} else {

$sql\_select = "Select \* from $t\_customer where cust\_username = '$uid' and cust\_pwd = '$pwd'";

//echo "SQL Statement is : $sql\_select <BR>";

}

$stmt = $db->prepare($sql\_select);

$stmt->execute();

if ($rows = $stmt->fetch()) {

//echo $rows['username'];

//echo '<script>alert("Login Successful")</script>';

$\_SESSION['valid'] = TRUE;

$\_SESSION['uid'] = $\_POST["uid"];

$\_SESSION["pwd"] = $\_POST["pwd"];

} else {

echo '<script>alert("Invalid Username or Password. Try again")</script>';

}

} catch (PDOException $e) {

print "Error!: " . $e->getMessage() . "<br/>";

die();

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

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<br>

</div>

<!--menu section goes here-->

<nav class="navbar navbar-expand-sm bg-dark navbar-dark pt-3">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="index2.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin) { ?> <i class="fa fa-user-secret"></i> <?php } ?> Welcome

<?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="#"> <i class="fa fa-briefcase"></i> My Bookings</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else { ?>

<!-- Set rightside navbar links if user has signed-in -->

<ul class="navbar-nav navbar-right">

<li class="nav-item">

<a class="nav-link" href="./login.php"><i class="fa fa-sign-in"></i> Login</a>

</li>

</ul>

<?php } ?>

</div>

</nav>

<!-- LOGO -->

<!--registration form starts here -->

<div class="container-sm" style="Width:80%">

<div class="login-form">

<form action="./insertRegistration.php" method="post">

<br>

<h2 class="text-center">Registration Form</h2><br>

<div class="container-fluid">

<div class="row">

<div class="col-sm-6">

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<span class="fa fa-user"></span>

</span>

</div>

<input type="text" name="cname" id="cname" class="form-control" placeholder="Customer Name" required="required">

</div>

</div>

</div>

<div class="col-sm-6">

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<span class="fa fa-mobile "></span>

</span>

</div>

<input type="tel" name="cphone" id="cphone" class="form-control" placeholder="Customer Mobile Number" required="required">

</div>

</div>

</div>

</div>

</div>

<div class="container-sm" style="Width:40%">

<div class="login-form">

<form action="./index2.php" method="post">

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<span class="fa fa-user"></span>

</span>

</div>

<input type="text" name="cuser" id="cuser" class="form-control" placeholder="Customer Username" required="required">

</div>

</div>

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<i class="fa fa-lock"></i>

</span>

</div>

<input type="password" name="cpwd" id="cpwd" class="form-control" placeholder="Password" required="required">

</div>

</div>

<div class="form-group">

<div class="input-group">

<div class="input-group-prepend">

<span class="input-group-text">

<i class="fa fa-lock"></i>

</span>

</div>

<input type="password" name="cpwd1" id="cpwd1" class="form-control" placeholder="Confirm Password" required="required">

</div>

</div>

<div class="form-group">

<button type="submit" name="register" class="btn btn-primary btn-block">Register</button>

</div>

</form>

</div>

</div>

</div>

</div>

<!--registration form ends here -->

<!-- footer section goes here-->

<div class="navbar fixed-bottom">

<div class="container-fluid text-center bg-primary text-white fill-height pt-3">

<h3> Developed using following technology stack: PHP, MySQL, Apache, HTML5, CSS, Bootstrap, Javascript.</h3>

</div>

</div>

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

//echo "UID not set <BR>";

}

if (isset($\_SESSION["isadmin"])) {

//echo "isadmin is true <BR>";

$isadmin = TRUE;

}

$user\_id = $\_POST['uid'];

if (

isset($\_POST["login"]) && !empty($\_POST["uid"])

&& !empty($\_POST["pwd"])

) {

$uid = $\_POST['uid'];

$pwd = $\_POST['pwd'];

include './database/config/config.php';

//set table name based on local or remote connection

if ($connection == "local") {

$t\_sender = "user";

} else {

$t\_sender = "$database.user";

}

try {

$db = new PDO("mysql:host=$host", $user, $password, $options);

//echo "Database connected successfully <BR>";

$sql\_select = "Select \* from $t\_sender where user\_username = '$uid' and user\_password = '$pwd'";

$user\_mob = $db->query("Select user\_mobileNumber from $t\_sender where user\_userName = '$user\_id'")->fetch()['user\_mobileNumber'];

$stmt = $db->prepare($sql\_select);

$stmt->execute();

if ($rows = $stmt->fetch()) {

$\_SESSION['valid'] = TRUE;

$\_SESSION['uid'] = $uid;

$\_SESSION["pwd"] = $pwd;

$\_SESSION["isadmin"] = TRUE;

} else {

echo '<script>alert("Invalid Username or Password. Try again")</script>';

}

} catch (PDOException $e) {

print "Error!: " . $e->getMessage() . "<br/>";

die();

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<!--menu section goes here-->

<nav class="navbar navbar-expand-sm bg-dark navbar-dark pt-3">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="login.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin) { ?> <i class="fa fa-user-secret"></i> <?php } ?>Welcome <?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else {

header('Refresh:1 ; url=./login.php');

echo 'Please Log In First';

exit();

} ?>

</div>

</nav>

<!-- LOGO -->

<div class="container-fluid" style="margin-top:10px">

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="./sendMessage1.php?user\_mob\_sm1=<?php echo $user\_mob; ?>">Send Messages</a>

</li>

<li class="nav-item">

<a class="nav-link" href="aboutUs.php">About us</a>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8"><br><br>

<img class="img-responsive" src="rsa-steg.png" alt="Chania">

</div>

</div>

</div>

<!-- footer section goes here-->

<!--

<div class="navbar fixed-bottom">

<div class="container-fluid text-center bg-primary text-white fill-height pt-3">

<h3> Developed using following technology stack: PHP, MySQL, Apache, HTML5, CSS, Bootstrap, Javascript.

</h3>

</div>

</div>

-->

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

//echo "UID not set <BR>";

}

if (isset($\_SESSION["isadmin"])) {

//echo "isadmin is true <BR>";

$isadmin = TRUE;

}

$user\_mob = $\_GET['user\_mob\_sm1'];

echo "mob numer is $user\_mob";

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

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<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

<style>

.login-form {

width: 340px;

margin: 50px auto;

}

.login-form form {

margin-bottom: 15px;

background: #f7f7f7;

box-shadow: 0px 2px 2px rgba(0, 0, 0, 0.3);

padding: 30px;

}

.login-form h2 {

margin: 0 0 15px;

}

.form-control,

.btn {

min-height: 38px;

border-radius: 2px;

}

.input-group-addon .fa {

font-size: 18px;

}

.btn {

font-size: 15px;

font-weight: bold;

}

.bottom-action {

font-size: 14px;

}

</style>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="index2.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin == 1) { ?> <i class="fa fa-usersecret"></i> <?php } ?> Welcome

<?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else { ?>

<!-- Set rightside navbar links if user has signed-in -->

<ul class="navbar-nav navbar-right">

<li class="nav-item">

<a class="nav-link" href="./login.php"><i class="fa fa-sign-in"></i> Login</a>

</li>

</ul>

<?php } ?>

</div>

</nav>

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="sendMessage1.php">Send Message</a>

</li>

<li class="nav-item">

<a class="nav-link" href="sendMessageA.php">About us</a>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8">

<!--include specific code for your screen -->

<div class="container" style=" width:80% ">

<form action="./Bpython/RsaSender.py" method="post" class="was-validated" enctype="multipart/form-data">

<div class="row justify-content-center">

<div class="col">

<div class="form-group">

<label class="font-weight-bold" for="rec\_mob\_smpy">Enter receiver mobile number:</label>

<input type="text" class="form-control" id="rec\_mob\_smpy" placeholder="mobile number" name="rec\_mob\_smpy" required>

<div class="valid-feedback">Valid.</div>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<div class="form-group">

<label class="font-weight-bold" for="sender\_msg">Enter message to be sent:</label>

<textarea rows="3" class="form-control-file" id="sender\_msg" name="sender\_msg" required></textarea>

<div class="valid-feedback">Valid.</div>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

</div>

<div class="col">

<div class="form-group">

<label class="font-weight-bold" for="filename">Image for encrytpion:</label>

<input type="file" class="form-control-file" id="filename" accept="image/jpg, image/jpeg, image/png, image/gif" name="filename" required />

<div class="valid-feedback">Valid.</div>

<div class="invalid-feedback">Please fill out this field.</div>

<div class="ml-2">

<img src="./tmp/80x80.png" id="preview" class="img-thumbnail">

</div>

</div>

<input type="hidden" class="form-control" id="user\_mob\_smpy" name="user\_mob\_smpy" value=<?php echo $user\_mob; ?> />

<input class="form-group bg-primary text-white" type="submit" name="EncryptStegano" value="Click to send message" />

</div>

</div>

</form>

</div>

</div>

<script>

// Preview selected image

$(document).on("click", ".browse", function() {

var file = $(this).parents().find(".file");

file.trigger("click");

});

$('input[type="file"]').change(function(e) {

var fileName = e.target.files[0].name;

$("#file").val(fileName);

var reader = new FileReader();

reader.onload = function(e) {

// get loaded data and render thumbnail.

document.getElementById("preview").src = e.target.result;

};

// read the image file as a data URL.

reader.readAsDataURL(this.files[0]);

});

</script>

</div>

</body>

</html>

<?php

include './database/config/config.php';

if (isset($\_SESSION["uid"])) {

$uid = $\_SESSION["uid"];

}

$cname = $\_POST["cname"];

$cphone = $\_POST["cphone"];

$cuser = $\_POST["cuser"];

$cpwd = $\_POST["cpwd"];

$cpwd1 = $\_POST["cpwd1"];

if ($connection == "local") {

$t\_user = "user";

} else {

$t\_user = "$database.user";

}

try {

$db = new PDO("mysql:host=$host", $user, $password, $options);

//echo "Database connected successfully <BR>";

$sql\_insert = "INSERT INTO $t\_user (user\_names,user\_mobileNumber,user\_username,user\_password)

VALUES ('$cname','$cphone','$cuser' ,'$cpwd')";

echo "$sql\_insert <br>";

echo "query insertion begins here<br>";

//echo "SQL Statement $sql\_insert";

$stmt = $db->prepare($sql\_insert);

$rows = $stmt->execute();

echo "query has been executed<br>";

//echo "Rows $rows <BR>";

if ($rows > 0) {

echo "query has been inserted<br>";

//echo $rows['username'];

//echo '<script>alert("Login Successful")</script>';

$\_SESSION["valid"] = TRUE;

$\_SESSION["uid"] = $\_POST["cuser"];

$\_SESSION["pwd"] = $\_POST["cpwd"];

if (isset($\_SESSION["uid"])) {

$uid = $\_SESSION["uid"];

echo "session uid is $uid<br>";

}

header("Refresh: 1; URL = login.php");

exit();

} else {

echo '<script>alert("Insert Appropriate values")</script>';

}

} catch (PDOException $e) {

print "Error!: " . $e->getMessage() . "<br/>";

die();

}

?>

<html>

<body>

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

}

if (isset($\_SESSION["isadmin"])) {

//echo "isadmin is true <BR>";

$isadmin = TRUE;

}

$user\_id = $\_POST['uid'];

if (

isset($\_POST["login"]) && !empty($\_POST["uid"])

&& !empty($\_POST["pwd"])

) {

$uid = $\_POST['uid'];

$pwd = $\_POST['pwd'];

include './database/config/config.php';

//set table name based on local or remote connection

if ($connection == "local") {

$t\_receiver = "user";

} else {

$t\_receiver = "$database.user";

}

try {

$db = new PDO("mysql:host=$host", $user, $password, $options);

//echo "Database connected successfully <BR>";

$sql\_select = "Select \* from $t\_receiver where user\_username = '$uid' and user\_password = '$pwd'";

$user\_mob = $db->query("Select user\_mobileNumber from $t\_receiver where user\_userName = '$user\_id'")->fetch()['user\_mobileNumber'];

$stmt = $db->prepare($sql\_select);

$stmt->execute();

if ($rows = $stmt->fetch()) {

$\_SESSION['valid'] = TRUE;

$\_SESSION['uid'] = $uid;

$\_SESSION["pwd"] = $pwd;

$\_SESSION["isadmin"] = TRUE;

} else {

echo '<script>alert("Invalid Username or Password. Try again")</script>';

}

} catch (PDOException $e) {

print "Error!: " . $e->getMessage() . "<br/>";

die();

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<!--menu section goes here-->

<nav class="navbar navbar-expand-sm bg-dark navbar-dark pt-3">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="#">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">Welcome <?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else {

header('Refresh:1 ; url=./login.php');

echo 'Please Log In First';

exit();

} ?>

</div>

</nav>

<!-- LOGO -->

<div class="container-fluid" style="margin-top:10px">

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a href="./receiveMessage1.php?user\_mob\_rm1=<?php echo $user\_mob; ?>" class="nav-link" href="receiveMessage1.php">Generate Key</a>

</li>

<li class="nav-item">

<a href="./receiveMessageA.php?user\_mob\_rmA=<?php echo $user\_mob; ?>" class="nav-link" href="receiveMessageA.php">See Messages</a>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8"><br><br>

<img class="img-responsive" src="rsa-steg.png" alt="Chania">

</div>

</div>

</div>

<!-- footer section goes here-->

<!--

<div class="navbar fixed-bottom">

<div class="container-fluid text-center bg-primary text-white fill-height pt-3">

<h3> Developed using following technology stack: PHP, MySQL, Apache, HTML5, CSS, Bootstrap, Javascript.

</h3>

</div>

</div>

-->

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

header('Refresh:1 ; url=./login.php');

echo 'Please Log In First';

exit();

}

$user\_mob = $\_GET['user\_mob\_rm1'];

echo "mob numer is $user\_mob";

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

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<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

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<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

<style>

.login-form {

width: 340px;

margin: 50px auto;

}

.login-form form {

margin-bottom: 15px;

background: #f7f7f7;

box-shadow: 0px 2px 2px rgba(0, 0, 0, 0.3);

padding: 30px;

}

.login-form h2 {

margin: 0 0 15px;

}

.form-control,

.btn {

min-height: 38px;

border-radius: 2px;

}

.input-group-addon .fa {

font-size: 18px;

}

.btn {

font-size: 15px;

font-weight: bold;

}

.bottom-action {

font-size: 14px;

}

</style>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="index2.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin == 1) { ?> <i class="fa fa-usersecret"></i> <?php } ?> Welcome

<?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else { ?>

<!-- Set rightside navbar links if user has signed-in -->

<ul class="navbar-nav navbar-right">

<li class="nav-item">

<a class="nav-link" href="./login.php"><i class="fa fa-sign-in"></i> Login</a>

</li>

</ul>

<?php } ?>

</div>

</nav>

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="receiveMessage1.php">Generate Key</a>

</li>

<li class="nav-item">

<a class="nav-link" href="receiveMessageA.php">See Messages</a>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8">

<!--include specific code for your screen -->

<div class="container-sm" style="Width:40%">

<div class="login-form">

<!-- <form action="./index2.php" method="post"> -->

<form action="./Bpython/RsaPublicKeyDist.py" method="post" enctype="multipart/form-data">

<input type="hidden" class="form-control" id="user\_mob\_rmpy" name="user\_mob\_rmpy" value=<?php echo $user\_mob; ?> />

<div class="row justify-content-center ">

<input class="form-group bg-primary text-white" type="submit" name="PublicPrivscript" value="Click to Generate Key" />

</div>

</form>

</div>

</div>

</div>

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

header('Refresh:1 ; url=./login.php');

echo 'Please Log In First';

exit();

}

$user\_mob = $\_GET['user\_mob\_rmA'];

echo "mob numer is $user\_mob";

include './database/config/config.php';

if ($connection == "local") {

$t\_message = "messageLog";

} else {

$t\_message = "$database.messageLog";

}

try {

$db = new PDO("mysql:host=$host", $user, $password, $options);

//echo "Database connected successfully <BR>";

//Fetch customer details and total bookings done by the customer

$cmessages = $db->query("Select count(\*) as tcount from $t\_message where receiverMob =$user\_mob")->fetch()['tcount'];

if ($cmessages > 0) {

$i = 1;

foreach ($db->query("SELECT msg\_id,senderMob FROM $t\_message WHERE receiverMob =$user\_mob") as $rs1) {

$myMessages[$i]['msg\_id'] = $rs1['msg\_id'];

$myMessages[$i]['senderMob'] = $rs1['senderMob'];

$myMessages[$i]['receiverMob'] = $user\_mob;

$i++;

}

}

} catch (PDOException $e) {

print "Error!: " . $e->getMessage() . "<br />";

die();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Secured Chat</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Popper JS -->

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<!-- Latest compiled JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

<style>

.login-form {

width: 340px;

margin: 50px auto;

}

.login-form form {

margin-bottom: 15px;

background: #f7f7f7;

box-shadow: 0px 2px 2px rgba(0, 0, 0, 0.3);

padding: 30px;

}

.login-form h2 {

margin: 0 0 15px;

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.form-control,

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min-height: 38px;

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.input-group-addon .fa {

font-size: 18px;

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font-size: 15px;

font-weight: bold;

}

.bottom-action {

font-size: 14px;

}

</style>

</head>

<body>

<!-- Header section goes here -->

<div class="container-fluid text-center bg-primary text-white pt-3">

<h1>RSA CRYPTOGRAPHY AND STEGANOGRAPHY</h1>

<h2>Cyber Security Academic Project - Fall Semester 2020</h2>

<h4>Done by - K Gokul Raj, Rahul Sanjeev, Aradhya Bagrodia</h4>

<br>

</div>

<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

<div class="container-fluid">

<!-- Brand -->

<a class="navbar-brand" href="index2.php">HOME</a>

<!-- Rightside navbar Links: Set based on User signed-in or not-->

<?php

if (isset($\_SESSION["uid"])) {

?>

<!-- Set rightside navbar links if no user signed-in -->

<ul class="navbar-nav navbar-right">

<li class="dropdown text-info"><a class="dropdown-toggle" data-toggle="dropdown">

<?php if ($isadmin == 1) { ?> <i class="fa fa-usersecret"></i> <?php } ?> Welcome

<?php echo $uid; ?></a>

<ul class="dropdown-menu">

<li><a href="#"> <i class="fa fa-user-plus"></i> My Profile</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

</ul>

<?php } else { ?>

<!-- Set rightside navbar links if user has signed-in -->

<ul class="navbar-nav navbar-right">

<li class="nav-item">

<a class="nav-link" href="./login.php"><i class="fa fa-sign-in"></i> Login</a>

</li>

</ul>

<?php } ?>

</div>

</nav>

<div class="row">

<div class="col-sm-2">

<div class="container ">

<div class="row">

<!-- left side nvertical navigation bar starts here -->

<nav class="navbar bg-light">

<ul class="navbar-nav">

<li class="nav-item">

<a class="nav-link" href="receiveMessage1.php">Generate Key</a>

</li>

<li class="nav-item">

<a class="nav-link" href="receiveMessageA.php">See Messages</a>

</li>

</ul>

</nav>

<!-- left side nvertical navigation bar ends here -->

</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8">

<!--include specific code for your screen -->

<div class="container" style=" width:80% ">

<label class="font-weight-bold">My Message History:</label>

<div class="row justify-content-center">

<div class="container">

<table id="myTable" class=" table order-list table-bordered table-sm">

<thead class="bg-primary">

<tr>

<th>Message\_ID</th>

<th>Sender Mobile Number</th>

<th>Receiver Mobile Number</th>

</tr>

</thead>

<tbody>

<?php

for ($i = 1; $i <= $cmessages; $i++) {

echo "<tr><td><a href=./receiveMessageB.php?msglog\_id=" . $myMessages[$i]['msg\_id'] . ">" . $myMessages[$i]['msg\_id'] . "</td>";

echo "<td>" . $myMessages[$i]['senderMob'] . "</td>";

echo "<td>" . $myMessages[$i]['receiverMob'] . "</td></tr>";

}

?>

</tbody>

</table>

</div>

</div>

<BR>

</div>

</div>

</div>

</body>

</html>

<?php

session\_start();

if (isset($\_SESSION["uid"])) {

//echo "UID is set <BR>";

$uid = $\_SESSION["uid"];

} else {

header('Refresh:1 ; url=./login.php');

echo 'Please Log In First';

exit();

}

$msg\_id = $\_GET['msglog\_id'];

echo "mssg id is $msg\_id";

?>

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<html lang="en">

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<?php echo $uid; ?></a>

<ul class="dropdown-menu">

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<li><a href="#"> <i class="fa fa-briefcase"></i> My Bookings</a></li>

<li><a href="./logout.php"> <i class="fa fa-sign-out"></i> Logout</a></li>

</ul>

</li>

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</div>

</div>

</div>

<div class="col-sm-1">

</div>

<div class="col-sm-8">

<!--include specific code for your screen -->

<div class="container-sm" style="Width:40%">

<div class="login-form">

<!-- <form action="./index2.php" method="post"> -->

<form action="./Bpython/RsaReceiver.py" method="post" enctype="multipart/form-data">

<div class="col">

<div class="form-group">

<label class="font-weight-bold" for="PrivKey\_rmbpy">Enter Priavte Key assigned to you:</label>

<input type="number" class="form-control" id="PrivKey\_rmbpy" placeholder="private key" name="PrivKey\_rmbpy" required>

<div class="valid-feedback">Valid.</div>

<div class="invalid-feedback">Please fill out this field.</div>

</div>

<input type="hidden" class="form-control" id="msglog\_id" name="msglog\_id" value=<?php echo $msg\_id; ?> /><br>

<div class="row justify-content-center ">

<input class="form-group bg-primary text-white" type="submit" name="RsaDecrypt" value="Click to see the message" />

</div>

</div>

</form>

</div>

</div>

</div>

</body>

</html>