OTP GENERATION AND SENDING TO EMAIL

using System;

using System.Collections.Generic;

using System.Linq;

using System.Net;

using System.Net.Http;

using System.Net.Mail;

using System.Threading.Tasks;

using System.Web.Http;

namespace EmployeeAPI.Controllers

{

public class OTPController : ApiController

{

public async Task<int> GetOtp(/\*string email\*/)

{

//Add below code in webconfig

/\*

\*

\* <system.net>

<mailSettings>

<smtp deliveryMethod="Network">

<network host="smtp.gmail.com" port="587" userName="dotnettraining2011@gmail.com" password="PASSWORD" enableSsl="true"/>

</smtp>

</mailSettings>

</system.net>\*/

string email = "monishanandhakumar04@gmail.com";

// if (db.Users.FirstOrDefault(u => u.UserEmail == email) is null) return 0;

Random generator = new Random();

int r = generator.Next(100000, 1000000);

SmtpClient smtp = new SmtpClient();

MailMessage mailMessage = new MailMessage();

mailMessage.From = new MailAddress("dotnettraining2011@gmail.com");

mailMessage.To.Add(email);

mailMessage.Subject = "Forgot Password";

mailMessage.Body = "Your OTP is " + r;

await Task.Run(() => smtp.SendAsync(mailMessage, null));

return r;

}

[HttpGet]

public async Task ResendOtp(string email, int otp)

{

SmtpClient smtp = new SmtpClient();

MailMessage mailMessage = new MailMessage();

mailMessage.From = new MailAddress("dotnettraining2011@gmail.com");

mailMessage.To.Add(email);

mailMessage.Subject = "Forgot Password";

mailMessage.Body = "Dear User,Your OTP is " + otp;

await Task.Run(() => smtp.SendAsync(mailMessage, null));

}

}

}

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