PROG1322 Project Part 4B F2023
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Continue with the ASP.NET Core MVC Catering Management application from Part 4A. If you have not started 4A, please use the posted solution for Part 3 as the starting point for Part 4.

It is time to publish our application to Azure for more extensive testing. Before we do, we need to implement Email Services for the Identity/Security System and one for business use.

1. Configure the Identity system and Implement IEmailSender so that users can verify their email address when registering on your site and use the Forgot Password option.
    a. Create a new "free" email account using a service such as Gmail or Outlook. You will need to verify the account, add an alternate email address and/or phone number for verification and test sending and receiving email from it before you go on.
2. Implement the interface defined in Microsoft.AspNetCore.Identity.UI.Services using the email provider and email address that you configured in step 1. This must allow a user to verify their account and reset their password with the Forgot Password link.
    a. In your code, make sure that you block or disable sending email except to the three accounts and email addresses that you added in Part 4A:
        i. Only allow sending email to jkaluba@niagaracollege.ca, dstovell@niagaracollege.ca and your own College email address. This way you should avoid having the email account blocked for sending SPAM messages. Don't raise an error for other addresses, just don't send the email and perhaps count how many were sent and how many were blocked so you can report that later on.
            1. Note: You can decide to allow additional emails for friends and family if you wish. However, only allow the app to send email to valid addresses that do exist.
        ii. PLEASE avoid using either of the Professor's email addresses for testing the ability of your application to send email. ONLY USE YOUR OWN EMAIL ADDRESS so we are not bombarded by email!
3. Also implement your own email sender that will allow you to send an email for business purposes to a number of recipients at one time.
    a. **Note:** You will need to add an Email property to the Customer Class, but to avoid seeding values for all customers you can make the Email property nullable. When selecting customers to receive an email, you can filter by the presence of an email address.
        i. Modifying the UI to allow the user to maintain the Email is optional for this exercise.
    b. Add a View in your application accessed from the Customer controller that allows you to select **multiple customers** for sending a marketing email.
    c. In your seed data, add three customer records for each of the same three emails: jkaluba@niagaracollege.ca, dstovell@niagaracollege.ca and your own College email address.
        i. You will need two multiselect ListBoxes for Selected Customers and Available Customers with buttons for moving Customers back and forth between them.
        ii. Further down the page, have inputs for a Subject and Body for the email to send (remember, only send email to yourself during testing).
            1. Verify that there is some text in both the Subject and Body as well as at least one Customer selected before you send any email.
4. Publish your application to Azure using your free educational account.

You will **not** hand in Part 4A or 4B. This work is in preparation for the next steps in Part 4 on the MVC Catering Management application.