

Continue with the ASP.NET Core MVC Gym Management application from Part 4B. 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 want to implement Email Services for the Identity/Security System and one for business use.

Note: Since we will not actually be sending email messages, we will take screen shots of “My Inbox” in mailtrap.io. Create a Word document and put your name and student number near the top, as well as a link to your application running live on Azure. Below that paste each screen shot that you take into the document, adding a comment for each one explaining what the image shows.

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" account at mailtrap.io so you can send email to the fake smtp server it provides.
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.
 - i. Test the functionality with examples of forgot Password and/or verifying a new account and confirming an email address. BONUS: do at least one of each. Take screen shots of the emails on mailtrap and paste them into a Word document to submit with your project. Add comments to identify what each screenshot displays.
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. Add a View in your application accessed from the Client controller that allows you to select **multiple clients** for sending a marketing email.
 - i. You will need two multiselect ListBoxes for Selected Clients and Available Clients with buttons for moving Clients back and forth between them.
 - ii. Further down the page, have inputs for a Subject and Body for the email to send.
 1. Verify that there is some text in both the Subject and Body as well as at least one Client selected before you send any email.
 - b. Take a screenshot of the email you transmit as shown in mailtrap.io and add it to your Word document with comments.
4. Publish your application to Azure using your free educational account. Don't forget to paste the link to your application running on Azure near the top of the Word document that contains your screen shots.

Submit your work for Parts 4A, 4B and 4C together in one project.

- In the zip archive you submit, include:
 - A compressed copy of your project.
 - Do a clean and rebuild and then delete the bin folder before you zip it up.
 - Your Word document with the Azure link and screenshots of emails sent by your application.

As you submit to Brightspace, **you must enter comments describing how far you got** on the assigned work. Failure to describe the completeness of your submission will result in marks being deducted.