This assignment is an individual assignment, collaboration is prohibited.

PartyInvites

PartyInvites app will be demonstrated in class.

Revisit the PartyInvites application that we built in Chapter 2.

❏ Sign up for a free account on https://sendgrid.com/

❏ Confirm your account

❏ Create an API key with the **Mail Send** permission https://app.sendgrid.com/settings/api_keys

❏ Store the API key in an environment variable named **SENDGRID_API_KEY**

❏ Apply **autocomplete field names** to the inputs on the RsvpForm page.

❏ Install the **SendGrid** package from nuget

❏ Refactor the **RsvpForm()** method to send the email via SendGrid

❏ Install the **EntityFramework** package from nuget

❏ Refactor the **RsvpForm()** method to save the user to a database named PartyInvites

❏ Install the **FluentScheduler** package from nuget

❏ Use **FluentScheduler** to send out an email reminder on the day before the party

Newsletter

Newsletter app will be demonstrated in class.

Build an application where users can subscribe to a weekly email newsletter.

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Blogger

Build a subscription system where users can subscribe to get an email notification when there is a new post on the blog.

- ❏ Install the **SendGrid** and **FluentScheduler** packages from nuget
- ❏ Add a **Subscribe page** where users can subscribe to email notifications.
- ❏ Add an **Unsubscribe page** where users can unsubscribe to email notifications.
- ❏ Apply **autocomplete field names** to the inputs on the Subscribe page.
- ❏ If there is at least one new post today, then send out an email to all subscribers at 4PM to let them know and giving them a link directly to the new post (Blog/Details page).

WorkOrders

Build a system that notifies customers when the repairs are complete.

- ❏ Install the **SendGrid** and **FluentScheduler** packages from nuget
- ❏ Add an optional field for the customer's email address to the **Start Order** and **Edit Order** page
- ❏ Disable autocomplete on the Start Order page by setting autocomplete to **off** on the **<form>**
- ❏ Provide a button for technicians to complete the order on the **Order/Details** page. When technicians click this button it will mark the job completed in the database and send out an email to the customer (if they have provided their email address.)