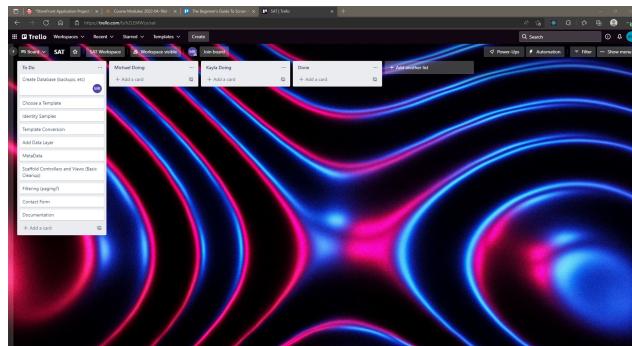
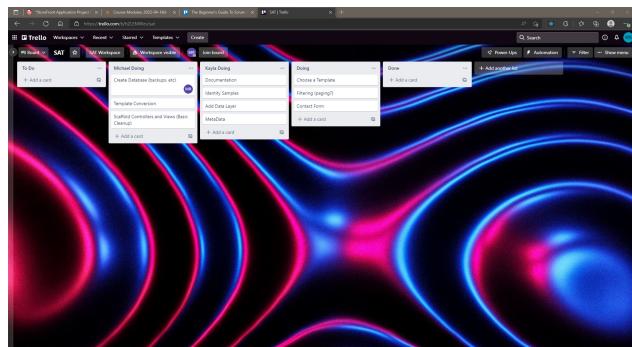


Documentation

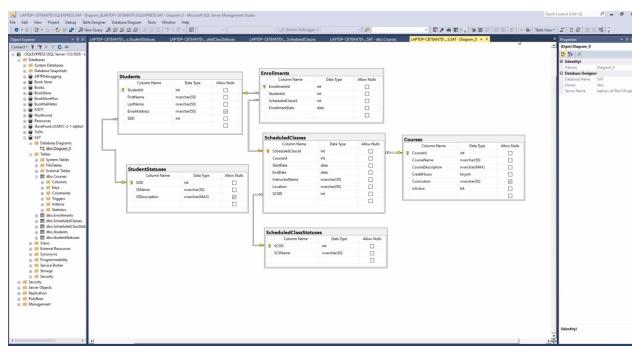
Tuesday, April 19, 2022 2:55 PM



- Created To Do List



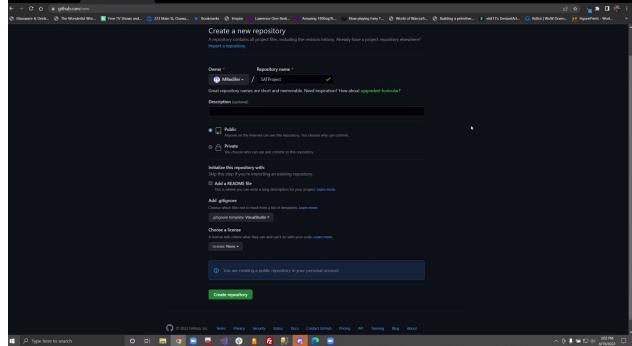
- Split tasks



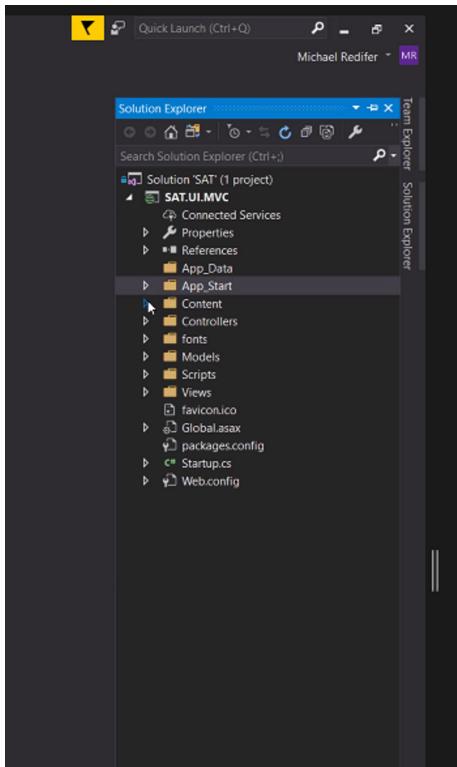
- Created Database
- Created Database Schema in SSMS
- Scripted Database



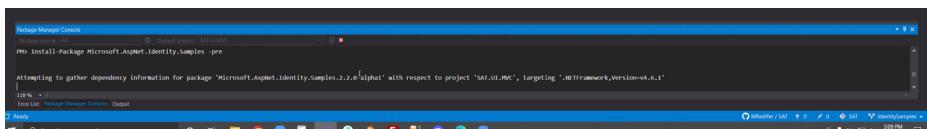
- Created test data for each table



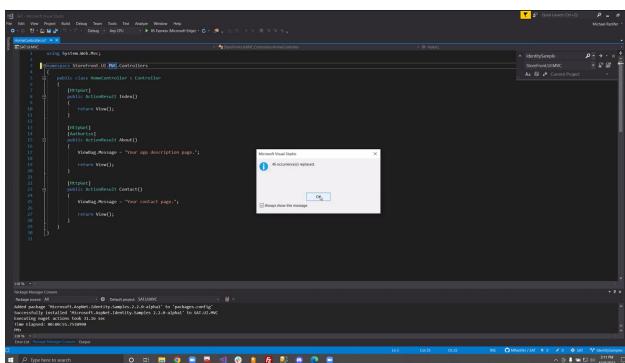
- Created GitHub Repo



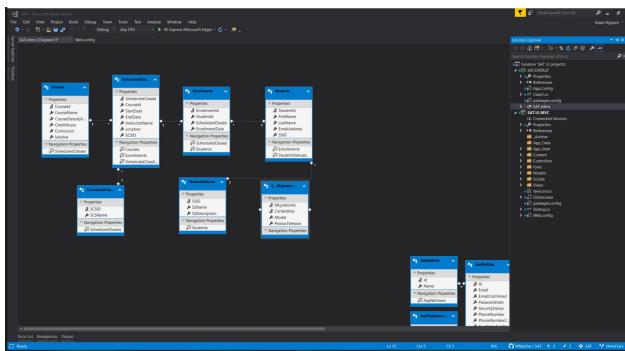
- Connect to GitHub in Visual Studio
- Created blank solution
- Created UI layer



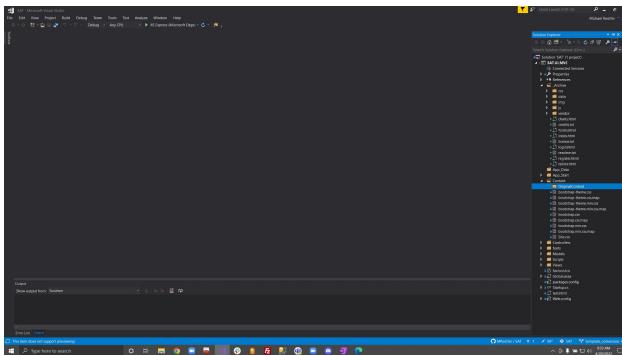
- Install IdentitySamples



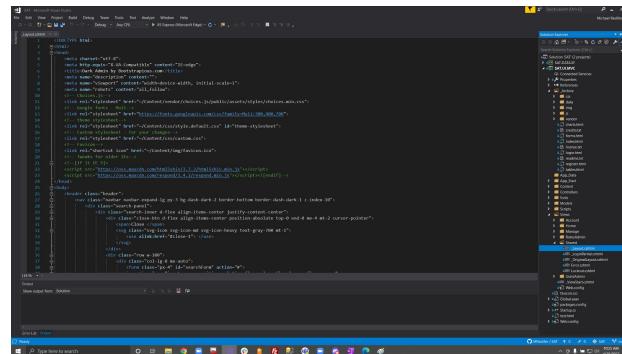
- Replaced IdentitySamples namespace w project name
- Updated connection string to connect to our local DB
- Logged in with local admin account to create migration tables in the DB



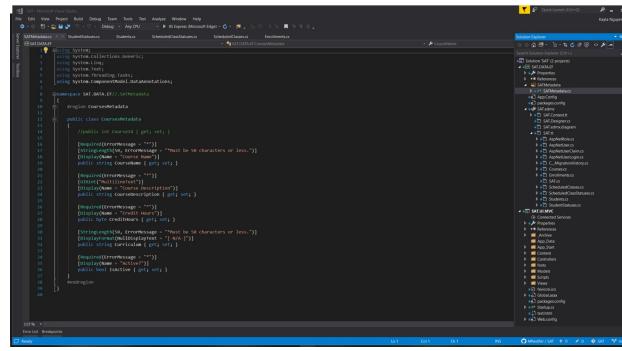
- Created DataLayer
- Built .edmx model
- Added SATEntities connection string to root web.config



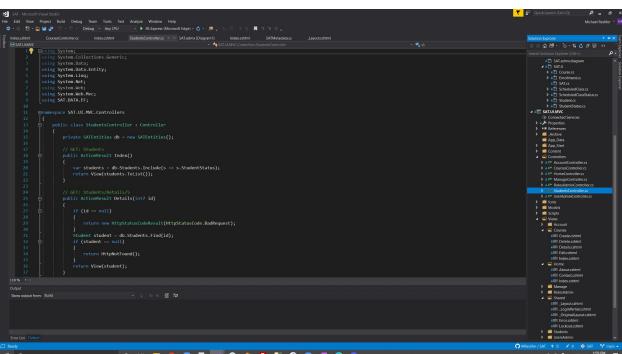
- Create the Archive and (optionally) Original Content folders.
- Copy the contents of your template to the Archive folder



- Move all CSS/JS/IMG content from the _Archive into the Content folder
- Copy the _Layout and rename the copy to _Original Layout
- In the _Archive copy all content in the Index.html to the Layout
- From top to bottom modify the necessary HTML and remove any content from the Layout that you will not need for your new app
- Be sure to add in the @RenderBody() and Section("scripts") in the necessary locations



- Created Metadata file in Data layer
- Added Metadata for each table



- Created Controllers and scaffolded Views using Entity Framework

```
    <ContentControl Content="Viewing item" x:Name="ContentControl1" Grid.Column="1" Grid.Row="1" Grid.RowSpan="2" Margin="10,10,10,10" VerticalAlignment="Top" />
    <TextBlock Text="Title:" Margin="10,10,10,10" />
    <TextBlock Text="Description:" Margin="10,10,10,10" />
    <TextBlock Text="Subject:" Margin="10,10,10,10" />
    <TextBlock Text="Body:" Margin="10,10,10,10" />
    <TextBlock Text="Due date:" Margin="10,10,10,10" />
    <TextBlock Text="Priority:" Margin="10,10,10,10" />
    <TextBlock Text="Status:" Margin="10,10,10,10" />
```

- Created contact form in Views/Home
 - Created HTTP Post Action in Home Controller
 - Created Contact View Model
 - Created partial view Email Confirmation page

- Created Image Upload Utility using starter code from MVC3
 - In the Students Index and details view added the th and td for the Image



A screenshot of Microsoft Visual Studio 2019. The main window shows a C# code editor with the following code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
using System.Windows.Documents;
using System.Windows.Input;
using System.Windows.Media;
using System.Windows.Media.Imaging;
using System.Windows.Navigation;
using System.Windows.Shapes;

namespace WindowsFormsApp1
{
    public partial class MainWindow : Window
    {
        public MainWindow()
        {
            InitializeComponent();
        }

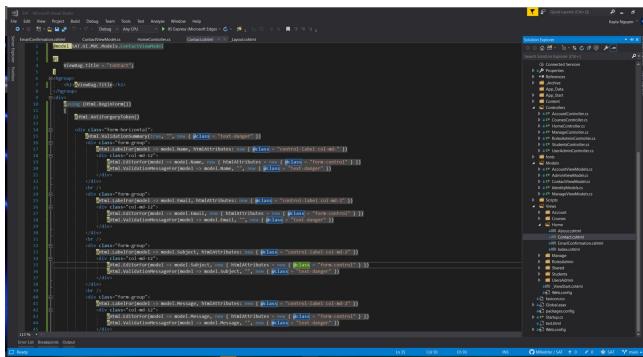
        private void button1_Click(object sender, RoutedEventArgs e)
        {
            string name = "John Doe";
            string address = "123 Main St";
            string city = "Anytown";
            string state = "CA";
            string zip = "90210";

            string output = "Name: " + name + "\nAddress: " + address + "\nCity: " + city + "\nState: " + state + "\nZip: " + zip;
            label1.Content = output;
        }
    }
}
```

The Solution Explorer on the right shows a project named "WindowsFormsApp1" with files like "Form1.cs", "Program.cs", and "Properties". The Properties folder contains files such as "AssemblyInfo.cs", "ManifestResourceInfo.cs", and "Resources.resx".

- Enabled file upload in the forms

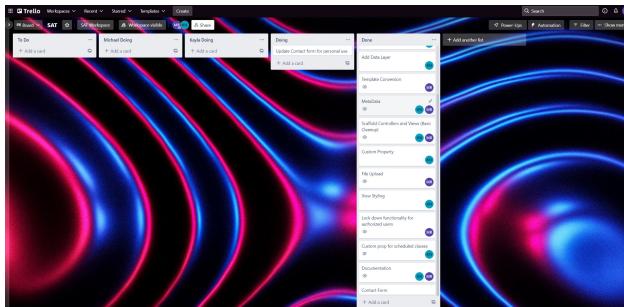
- Added code to the POSTs of the Create/Edit/Delete for Processing the file upload



- Locked down accessibility for specific User Roles

A screenshot of a 'Create' form titled 'Enrollment'. It has fields for 'Student' (Michael Redifer), 'Course' (1/17/2022 Pre Algebra Remote), and 'Enrollment Date' (mmddyyyy). A 'Create' button is at the bottom.

- Custom styling and fields applied to all CRUD pages



- Updated Trello board

A screenshot of a 'Contact' form. It has fields for 'Name', 'Email', 'Subject', and 'Message'. A 'Send Message' button is at the bottom.

- Contact form creation and styling using scaffolded view.

```
[method]
public ActionOutcome contact(ContactViewModel cvm) {
    if (!cvm.isValid()) {
        return View(cvm);
    }

    String message = "You have received an email from " + cvm.getName() + " on " + cvm.getDate();
    EmailUtil.sendEmail("new_member_email", "new_member_email", message);

    MailMessage mm = new MailMessage();
    mm.IsBodyHTML = true;
    mm.Priority = MailPriority.High;
    mm.To = "new_member_email";
    mm.From = "new_member_email";
    mm.ReplyToList.Add(cvm.getEmail());
    mm.Subject = "Your response to your outlined concern(s)";

    SmtpClient client = new SmtpClient();
    client.Port = 8887;
}
```

UML Use-Case Diagrams

