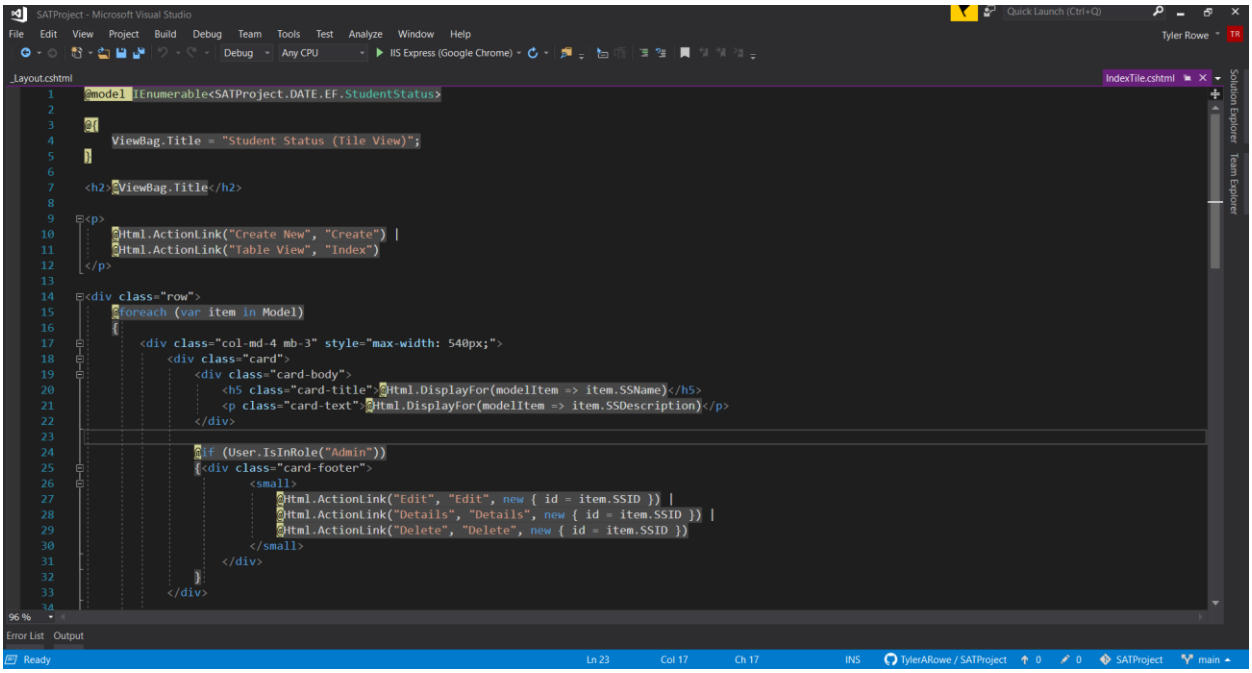
SATProject

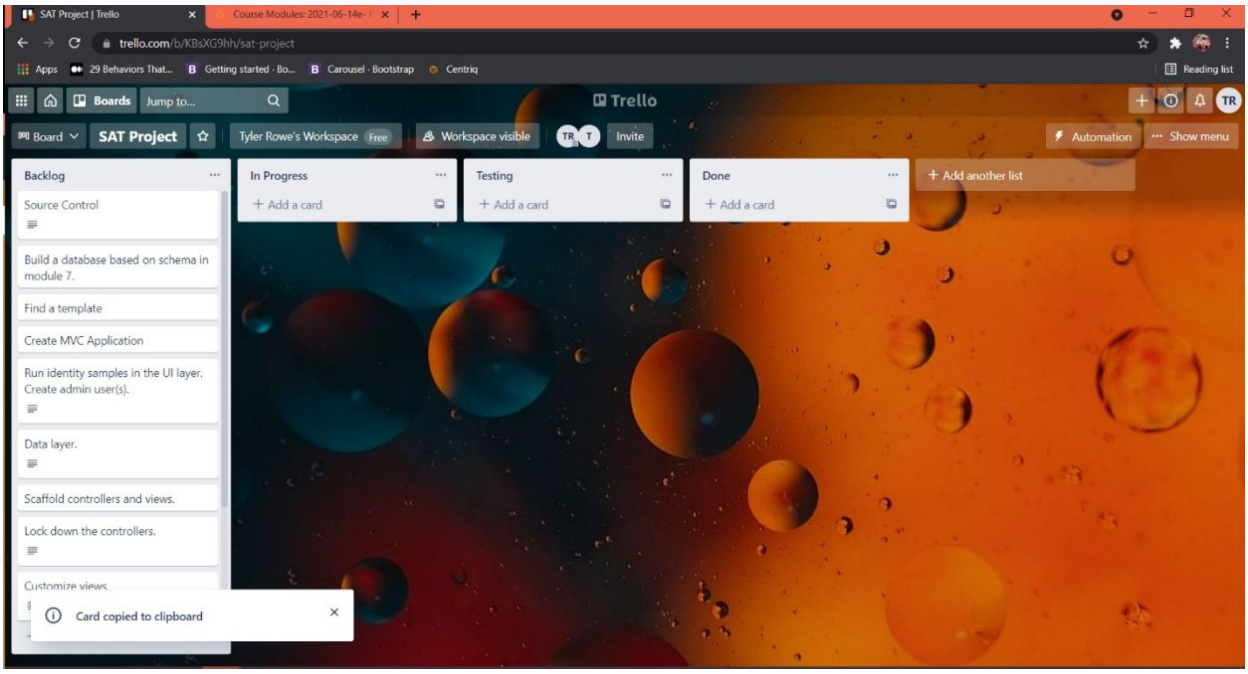
What was our goal?

Our goal was to create a full stack application that could be used by a school to manage their students, enrollments, classes, etc. using ASP.NET MVC and SQL together. We met this goal by creating a database and populating it with data provided to us, then we created an application using visual studio and added identity samples. After that we converted a template and styled it to our needs ensuring that we had two roles for the website: Scheduling and Administrator. After these goals were met, we used scaffolding and metadata to populate the tables on our application full of dummy data to use as an example. Finally, we implemented security and authorization and added custom properties for use by the tables, a custom property that combined the First and Last name for students, a card view that was separate from the regular list view, file upload, and soft delete functionality.

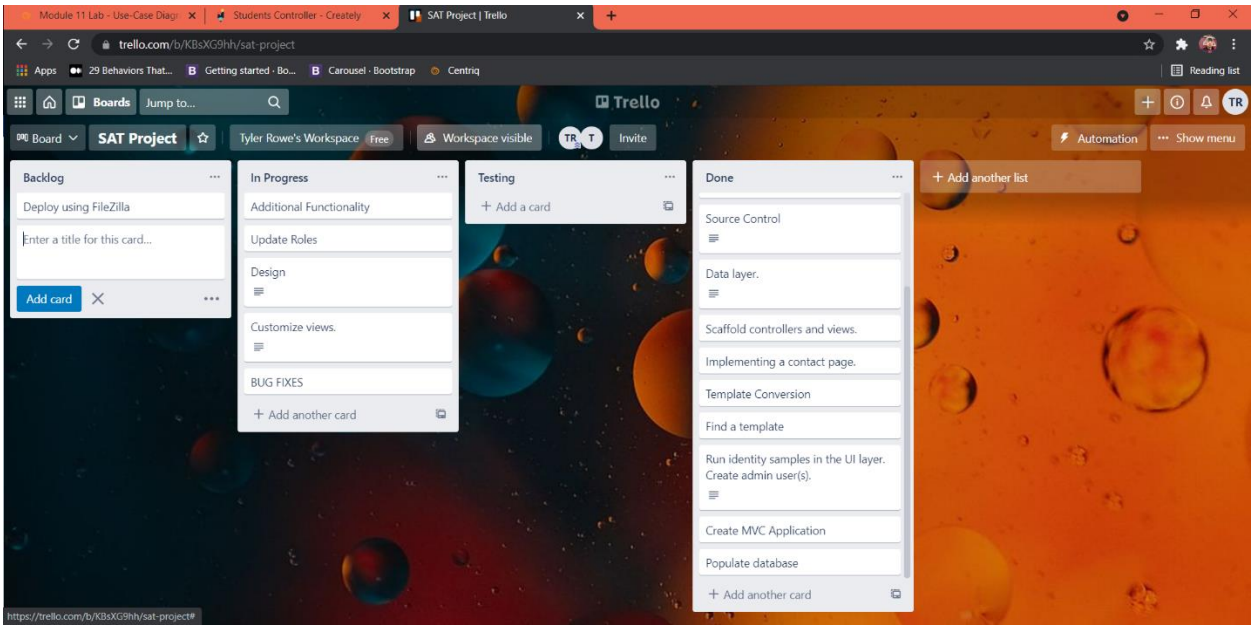


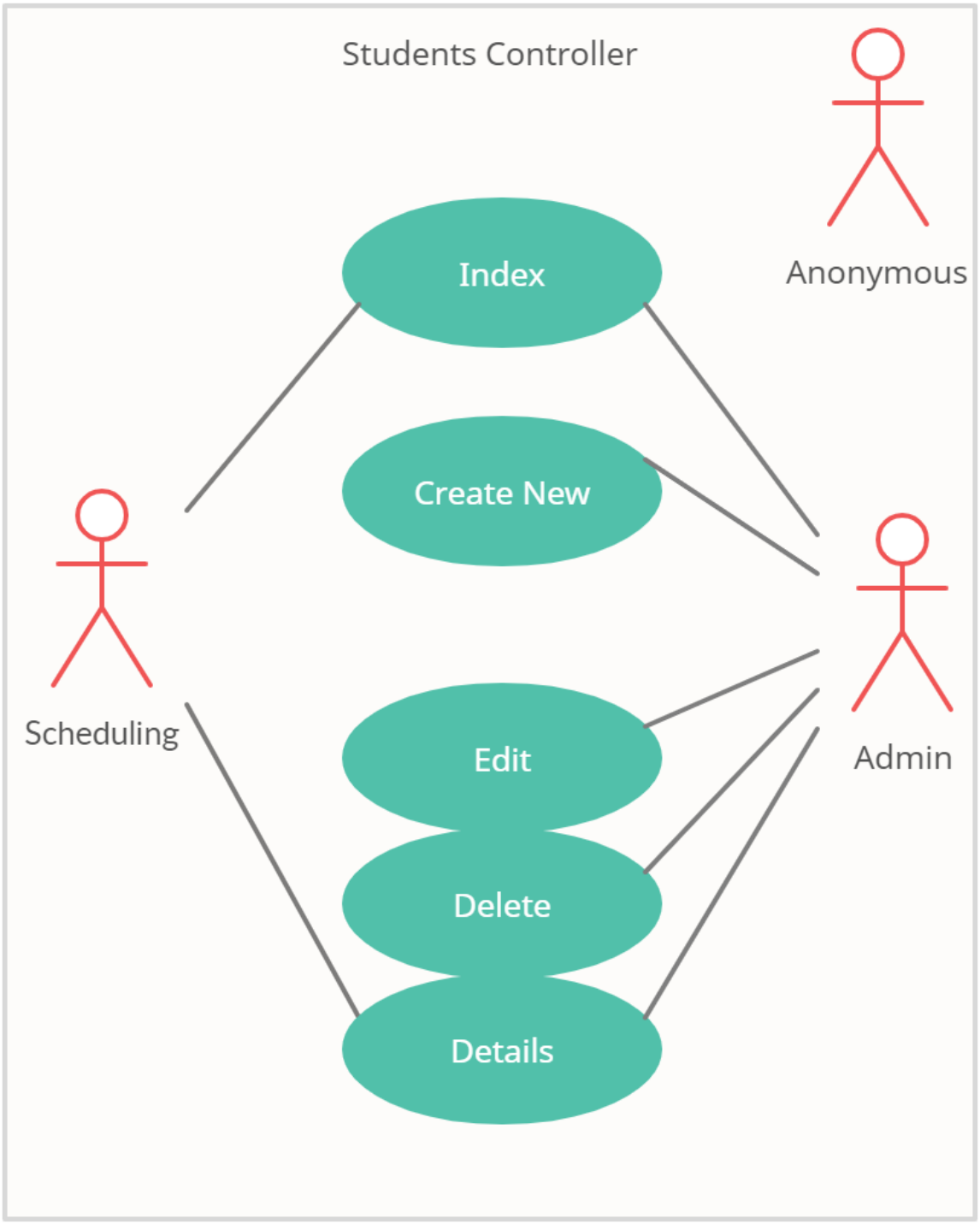
This is the beginning of code for our Tiled Layout index.

This is our Trello board before beginning the project.



This is our Trello board nearing the completion of our work.


Module 11 Lab - Use-Case Diagr
Students Controller - Creately
SAT Project | Trello
trello.com/b/KBsXG9hh/sat-project
Apps
29 Behaviors That...
Getting started · Bo...
Carousel · Bootstrap
Centriq
Reading list
Boards
Jump to...
Trello
Board
SAT Project
Tyler Rowe's Workspace
Free
Workspace visible
Invite
Automation
Show menu
Backlog
Deploy using FileZilla
Enter a title for this card...
Add card
In Progress
Additional Functionality
Update Roles
Design
Customize views.
BUG FIXES
Add another card
Testing
Add a card
Done
Source Control
Data layer.
Scaffold controllers and views.
Implementing a contact page.
Template Conversion
Find a template
Run identity samples in the UI layer.
Create admin user(s).
Create MVC Application
Populate database
Add another card
Add another list
https://trello.com/b/KBsXG9hh/sat-project#



Here we have a Use-Case diagram that we made in class showing how the administrator role and the scheduling role are the only two roles with permission to view things within the application. The administrator is allowed to see everything, while scheduling is allowed to see a limited amount of data and the anonymous user cannot see any data at all.