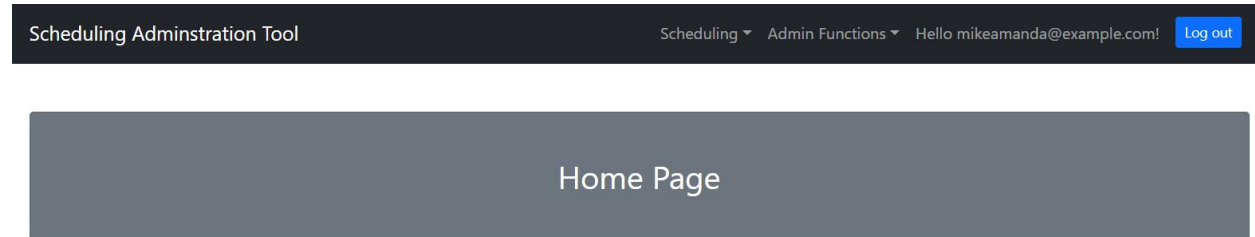# Scheduling Administration Tool – Agile Paired Programming Project

Requirements:

Create a website that allows a scheduler to enroll students into courses. Scheduler has access to all student information and course details. The scheduler can edit a student's information and enroll/unenroll a student from a course. A scheduler can create a new course or make a course as inactive. A scheduler can view all enrollments as well.

Administrator has full access to edit, delete, and create as needed.

Additional Features:

File/Image Upload Utility with resizing functionality
Toggle functionality for Card and List Views within Students and Courses
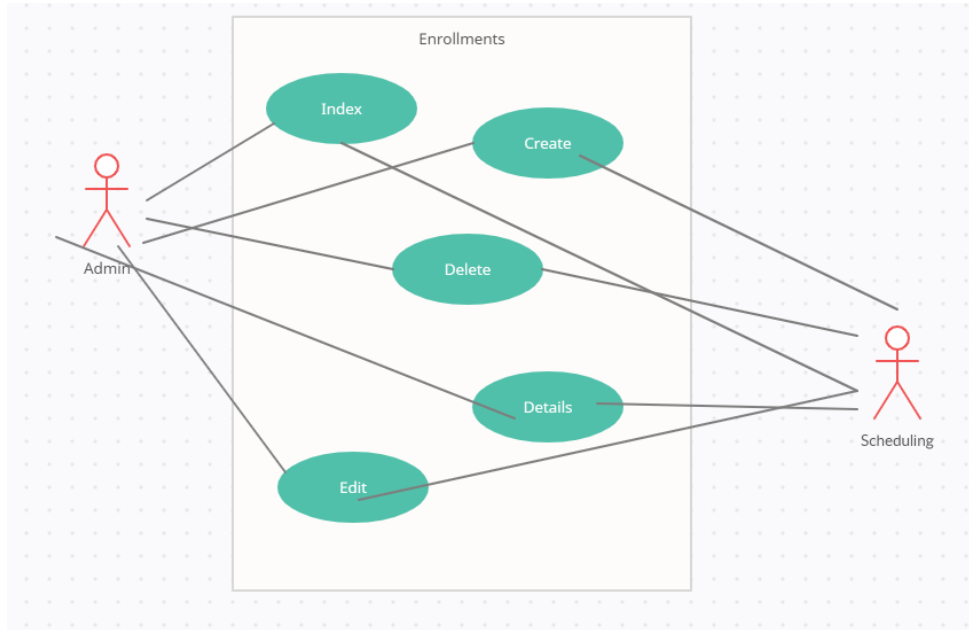Active vs Inactive filtering for Courses with Search functionality

Technologies Used:

Developed a 2-tier ASP.NET MVC Application
- Utilized Microsoft SQL Server as our DB and query from (dynamic data)
- Utilized Entity Framework as our ORM
- Languages: HTML, CSS, C# (Class Creation, Razor Syntax & Linq Syntax)
- Github utilized for Source Control
- Trello for Project Management and as Scrum workflow
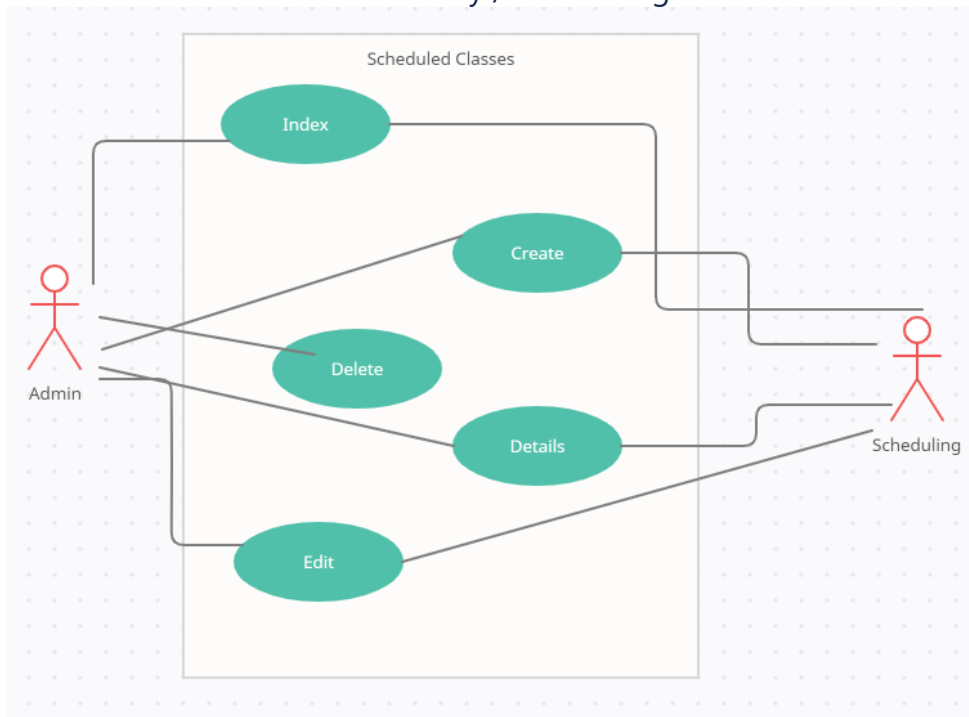
Use Case Descriptions and Diagrams

Enrollments:
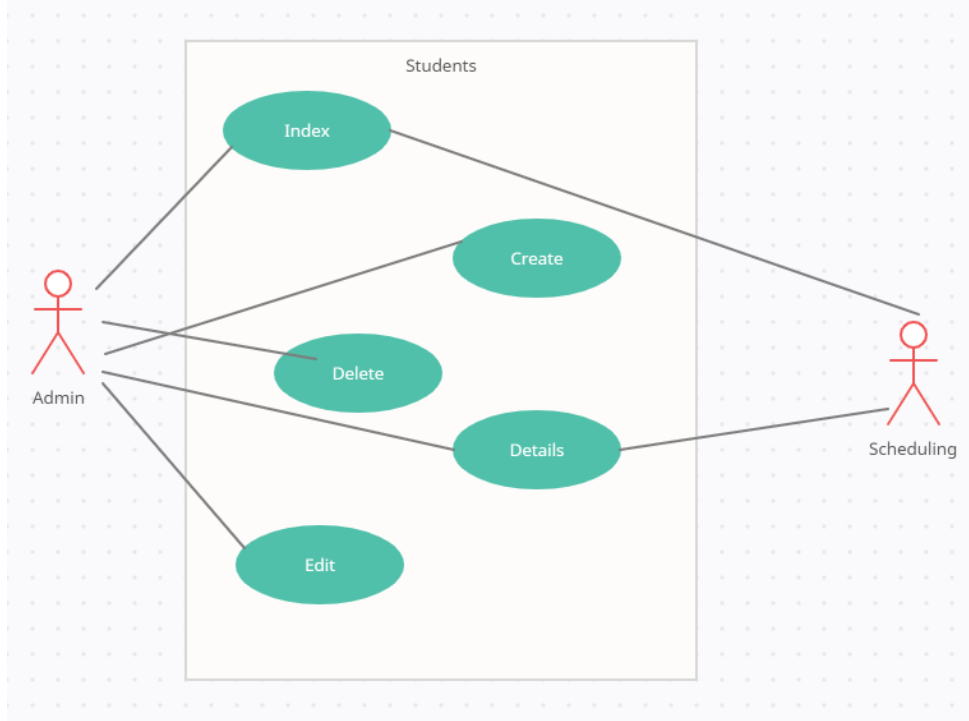Both the Admin and Scheduling roles have full CRUD functionality

Scheduled Classes:
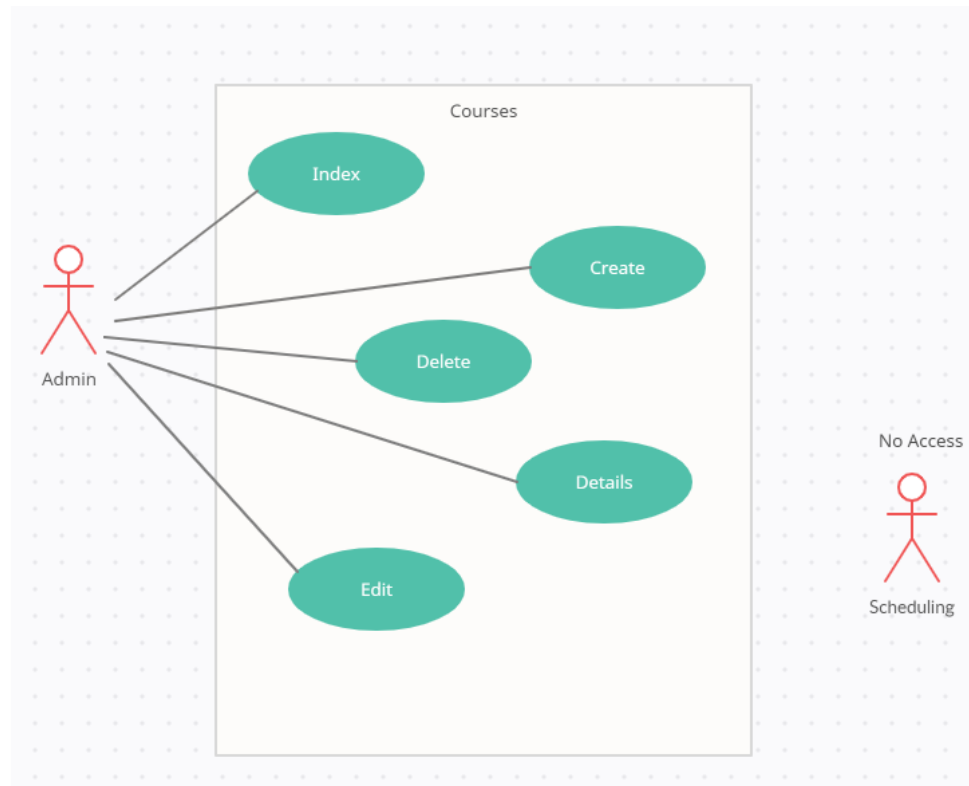Admin has full CRUD functionality / Scheduling cannot Delete

Students:
Admin has full CRUD functionality / Scheduling cannot Create, Edit, or Delete

Courses:
Admin has full CRUD functionality / Scheduling has no access

EDMX