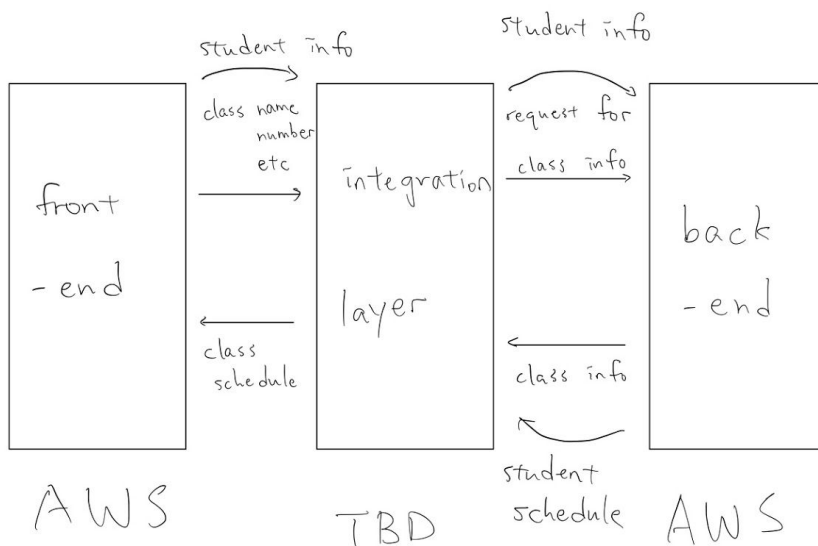


Revised List of Features:

1. Create weekly schedule suggestions
2. Filter classes
3. Search classes
4. Easily import data
5. Easily export data
6. Optimize schedule choices based on user preferences

Our features remain unchanged.

Architecture Diagram:



Front End design:

The image displays three mockups of a web application for managing a class schedule, featuring a gold and black color scheme with a stylized logo at the top.

Schedule View: A navigation bar at the top contains links for SCHEDULE, SEARCH CLASS, and ABOUT PAGE. The main content area is organized by day of the week (Monday through Saturday). Each day has a form with fields for Class Name, Professor, Time, and Section. At the bottom of the schedule view are buttons for 'Add Class' and 'Remove Class'.

Search Class View: This view features a search bar at the top. Below it are input fields for Class Ed, Class Name, Section, Professor, and Date, followed by a 'Submit' button. The text 'Class Info:' is displayed below the search fields.

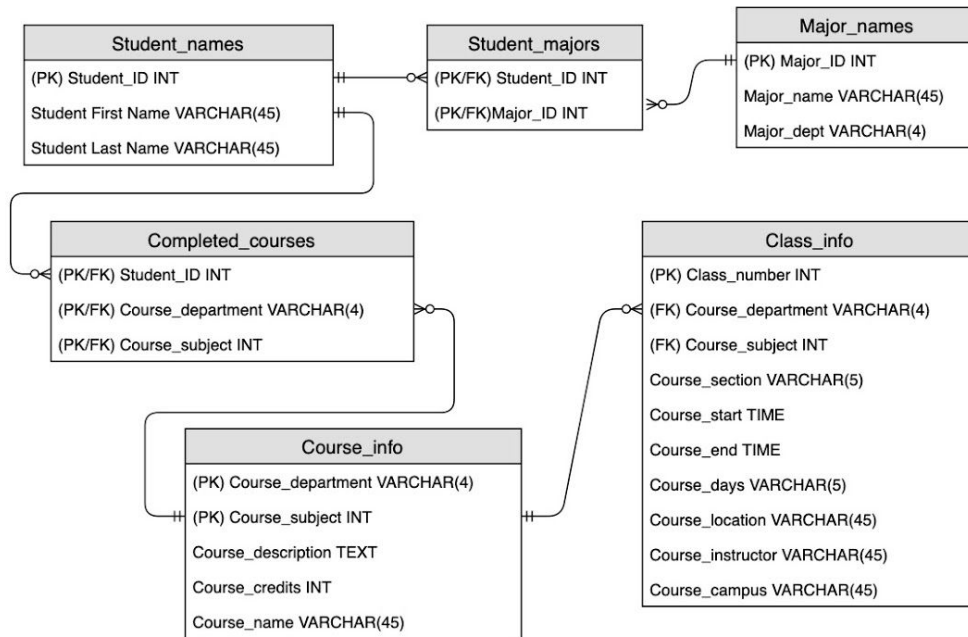
About Page View: The navigation bar is the same. The main content area has a heading 'About Page' and a 'Welcome,' message. Below this is a paragraph explaining the website's purpose: 'This page allows you to create personalized schedule. The search page will help you to navigate through all the available courses as well, you will be able to add classes which then be displayed in the schedule page accordingly to weekly calendar. Schedule will be displayed via cards, you can either add more classes or remove the class you have already selected. Your searches can be done by looking up the class name, section, class ID or date and time. This page is meant as a helper to organize the schedule rather than sign up for classes. Please enjoy.' A small footer note reads: 'This page was brought to you by: Peter Simons, Austin Davis, Yun-Ping Wang (Doris), Yanyu Hui (Yanyu)'.

The website will display the schedule in the form of a week. Each day contains tabs for classes that expand to class information on click. The user will be able to edit the schedule from the home page. From the schedule page users can navigate to Search and About. The Search page will allow the user to find the specific class or find it in the list of classes that will be generated upon the load of the page. The About page contains a description and acknowledgment.

Web Service Design:

We are not using APIs.

Database design:



Database Design

We are using a PostgreSQL database to store our application data. Our data was pulled from CU's website, converted from pdf to csv, then uploaded into our database.