Homework Assignment #3:
A Taste of Single Sign-On Authentication

Due Time/Date

11:59PM Tuesday, March 29, 2022. Late submission will be penalized by 20% for each working day overdue.

Note

The purpose of this little exercise is for you to practice using a Single Sign-On authentication service, which has become prevalent in implementing access control of multiple Web-based (or cloud) services in large companies/organizations. It also gives you an opportunity to get familiar with how a Web API typically works.

Task Description

Add access control using a designated single sign-on authentication service to the Web application you have developed in a previous homework (HW#2). For instructions on using the designated authentication service, please consult the notes available on the alternative TA-managed website (`https://gitlab.sdm.im.ntu.edu.tw/sdm2022/hw3`) for this course. You may choose to use a different programming language and re-implement the whole Web application. When you are done, be sure to push all sources, including a dump file of the database, to a new individual repository named "hw3". Again, the layout of your webpages need not be pretty, so do not spend too much time on that.

You may be asked to demonstrate your application in class or at an appointed time.