

Demo 1 Progress Report

EECS 393 CS Scheduling Team

Team Members:

Jiaqi Yang (jxy530), Zijun Liu (zxl554), Runzhi Zhou (rxz229),

Tao Huang (txh325), Jieyu Ren (jxr477)

Team Leader (Project Manager):

Jiaqi Yang (jxy530)

Individual Contribution:

Jiaqi Yang: Create and Manage all databases (including course and user_information), Write part of methods CourseDBConnect class that provides the access to the data in the database, Help enter data into the database, Organize project structure, Troubleshoot and debug Junit tests in generator package

Runzhi Zhou: Create and Manage all databases (including course and user_information), Write part of methods CourseDBConnect class that provides the access to the data in the database, Help enter data into the database, Help write some functions in generator package

Tao Huang: Write a function that detects time conflict in generator package, Write HTML, CSS, JavaScript to create front-end web pages

Zijun Liu: Write all methods in generator class and participate in writing some functions of other classes in generator package, write junit tests for all methods in generator class

Jieyu Ren: Help enter data into the database, Write a lot of functions for generator package except for generator class, write junit tests for some non-trivial functions of generator package classes except for generator class

Demo 2 Plan:

- Optimize the algorithm of auto-generated high priority schedule so that the generator is able to generate optimal schedule for high-priority courses
- Optimize some infrastructure classes including Course and its two subclasses
- Start to work on schedule generation of low-priority courses. Least finish 40% of the workloads.
- Write Junit tests for all classes and achieve 70%+ test coverage, including test for JavaScript
- Keep working on front-end web page, connect it to the backend, and make it able to display the generated schedule for high-priority courses