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CSC 350-1200
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Group D

Notes from 4/3/2020 Conference with TA

Questions

1) Should we maximize the number of sections that can be scheduled for each course?

    a. That depends on the algorithms implemented into the code.

2) How long is each class? (each day(s) that the section meets up is different in terms of class length)

    a. You can determine total length of each class based off of the weekly class hours. From the weekly class hours and the number of class days, distribute class lengths. Class lengths will vary for each section of each course.

3) Does the user choose the which days out of the week that he/she wants the section for?

    a. No. The algorithm decides what most efficient.

4) Do we use the rooms listed in the rooms excel sheet?

    a. The rooms.csv file is a sample course list that is use along with the schedule.csv file to perform hand scheduling of courses.

5) Should sections use more than 1 room? (Will computer labs be used?)

    a. No. It is best to make the scheduling process as simple and easy to understand as possible.

6) Will a webpage or website be the final product of the project?

    a. At end of semester, send pdf of all diagrams/scheduling/planning

    b. For send files related to website(htdocs) & database as a zip file

    c. Professor will test program by having us upload pdf with lists of 100+ classes

      i. This will test the robustness and integrity of database design.

Some food for thought from TA

1) How to read SQL database into php?

2) How to import excel data(.csv) into sql schema?

3) Is your website suitable to schedule 1000 courses at a time?

4) Does your program

5) Try to schedule 10 classes across 2 different rooms separately and compare with everyone else in your group

6) List out all of your rules that you encounter; those rules will be the algorithms for your program.

7) Design to what you need, not what you know. A lot of Googling will be needed.

Things to think about:

1) Make this as simple for your client(client does less; only the front end)

2) visualize/design your database

3) User interface questions (there will be 2nd interview w/ Dr. Wei):

    a. Will there be more than 1 person doing the scheduling

    b. User login to save previous course scheduling?

       i. Mike: no, make it as seamless/easy for user as possible

    c. User will upload file with list of course he/she wants to schedule onto the webpage. It is our job to have the webpage read that file and create a complete course scheduling based off of that

d. Algorithm should be smart; be able to pick up on user's mistakes (syntax, typos)