

SELECT_team_name

Rachell Kim, Selin Onal, Rick Sear

Project REGS

PHASE 1 REPORT

Division of Labor

- Rachell
 - EDIT GRADES: edit-grades-admin, edit-grades-inst, students, students-grades-update
 - EDIT PERSONAL INFO: edit-info-admin, edit-info-reg
 - SCHEDULES: view-schedule-admin, view-schedule-reg
- Selin
 - ADD NEW USER: manageusers, adduser
 - TRANSCRIPTS: searchTrans, viewtrans, viewTransAdmin
 - SQL QUERIES: make_tables.sql, insert_queries.sql
- Rick
 - ADD/DROP: add-drop, add-drop-admin, addcourse, drop course, set-studuid-add-drop
 - LOGIN: login, logout
 - MAIN MENU: menu
 - DATABASE RESET: reset-database
 - STYLES: style.css

Additionally, all team members worked collaboratively in group meetings to make small edits to each other's pages in order to debug.

Assumptions and Extras

- All courses have a room (room information specified in a separate table)
- All courses have a CRN to uniquely identify them *always* - for example, section 1 of Algorithms in Fall 2018 has a different CRN than Spring 2019 or Fall 2018, section 2
- Fields like address or email in the user database are NULLable, though it is impossible to create a new user with null values
- An inactive student can't add or drop a class - a system admin must make the student active first

Link to working system

http://gwupyerhub.seas.gwu.edu/~sp19DBp1-SELECT_team_name/login.php

Additional Test Data (Login info)

In addition to the starting state data described in the assignment description, we have included a number of additional test data to more fully encapsulate the possibilities of the system. Our start state is as follows (users are specified in bulleted list as well as screenshot for ease of copy/pasting):

- USERS (all users have password 123456 for simplicity):

- Richard Sear (active grad student) - UID 1
- Rachell Kim (active grad student) - UID 2
- Selin Onal (inactive PhD student) - UID 3
- Maya Shende (active instructor) - UID 4
- Dietrich Reidenbaugh (active system admin) - UID 5
- Dawn Ginetti (active grad secretary) - UID 6
- Aylin Caliskan (active instructor) - UID 7
- Timothy Wood (active instructor) - UID 8
- Abdou Youssef (active instructor) - UID 9
- Bhagi Narahari (active instructor) - UID 10
- Pablo Bolton (active instructor) - UID 11
- Poorvi Vora (active instructor) - UID 12
- Hyeong-Ah Choi (active instructor) - UID 13
- Billie Holiday (active grad student) - UID 88888888
- Diana Krall (active grad student) - UID 99999999

| mysql> select * from room; | | | | |
|----------------------------|-------|-----|--------|--|
| uid | grade | crn | lineid | |
| 1 | A+ | 23 | 1 | |
| 1 | A | 24 | 2 | |
| 1 | A- | 25 | 3 | |
| 2 | B+ | 23 | 4 | |
| 2 | B | 24 | 5 | |
| 2 | B- | 25 | 6 | |
| 3 | C+ | 26 | 7 | |
| 3 | C | 27 | 8 | |
| 88888888 | IP | 2 | 9 | |
| 88888888 | IP | 3 | 10 | |

| roomid | cap | building | rmnumber |
|--------|-----|----------|----------|
| 1 | 24 | SEH | 1300 |
| 2 | 24 | SEH | 1400 |
| 3 | 24 | SEH | 1450 |
| 4 | 80 | SMPA | 404 |
| 5 | 80 | SMPA | 405 |
| 6 | 80 | SMPA | 204 |
| 7 | 80 | SMPA | 205 |
| 8 | 60 | SMPA | 210 |
| 9 | 60 | SMPA | 410 |
| 10 | 30 | SEH | 4040 |
| 11 | 30 | SEH | 3040 |
| 12 | 30 | SEH | 5040 |

12 rows in set (0.00 sec)

| mysql> SELECT * FROM user; | | | | | | | | | | | | |
|----------------------------|-------------|----------|------------------|------------|-------|-------|------------|----------------------|----------|--------|-------|--|
| fname | lname | uid | street | city | state | zip | phone | email | password | active | type | |
| Richard | Sear | 1 | Wisconsin Ave | Washington | DC | 20052 | 0123456789 | searri@gwu.edu | 123456 | yes | MS | |
| Rachell | Kim | 2 | I Street | Washington | DC | 20052 | 1234567890 | rachell@gwu.edu | 123456 | yes | MS | |
| Selin | Onal | 3 | Pennsylvania Ave | Washington | DC | 20052 | 2345678901 | selingonal@gwu.edu | 123456 | no | PHD | |
| Maya | Shende | 4 | Wisconsin Ave | Washington | DC | 20052 | 3456789012 | shende@gwu.edu | 123456 | yes | inst | |
| Dietrich | Reidenbaugh | 5 | Pennsylvania Ave | Washington | DC | 20052 | 4567890123 | dreidenbaugh@gwu.edu | 123456 | yes | admin | |
| Dawn | Ginetti | 6 | Franklin St | Arlington | VA | 22201 | 5678901234 | dawn@gwu.edu | 123456 | yes | secre | |
| Aylin | Caliskan | 7 | Wisconsin Ave | Washington | DC | 20052 | 6789012345 | caliskan@gwu.edu | 123456 | yes | inst | |
| Timothy | Wood | 8 | Wisconsin Ave | Washington | DC | 20052 | 7890123456 | timwood@gwu.edu | 123456 | yes | inst | |
| Abdou | Youssef | 9 | Wisconsin Ave | Washington | DC | 20052 | 8901234567 | youssef@gwu.edu | 123456 | yes | inst | |
| Bhagi | Narahari | 10 | Wisconsin Ave | Washington | DC | 20052 | 9012345678 | narahari@gwu.edu | 123456 | yes | inst | |
| Pablo | Bolton | 11 | Wisconsin Ave | Washington | DC | 20052 | 0012345678 | pablo@gwu.edu | 123456 | yes | inst | |
| Poorvi | Vora | 12 | Wisconsin Ave | Washington | DC | 20052 | 112345678 | vora@gwu.edu | 123456 | yes | inst | |
| Hyong-Ah | Choi | 13 | Minnesota Ave | Washington | DC | 20052 | 1412345732 | hchoi@gwu.edu | 123456 | yes | inst | |
| Billie | Holiday | 88888888 | NULL | NULL | NULL | NULL | NULL | NULL | 123456 | yes | MS | |
| Diana | Krall | 99999999 | NULL | NULL | NULL | NULL | NULL | NULL | 123456 | yes | MS | |

```
mysql> SELECT * FROM course;
```

| semester | credits | section | year | name | dept | courseno | prereq1 | prereq2 | day | tme | instructor | crn | location |
|----------|---------|---------|------|-----------------------|------|----------|-----------|-----------|------|-----------|------------|-----|----------|
| Spring | 3 | 1 | 2019 | SW Paradigms | CSCI | 6221 | NULL | NULL | M | 1500-1730 | 8 | 1 | 1 |
| Spring | 3 | 1 | 2019 | Computer Architecture | CSCI | 6461 | NULL | NULL | T | 1500-1730 | 10 | 2 | 1 |
| Spring | 3 | 1 | 2019 | Algorithms | CSCI | 6212 | NULL | NULL | W | 1500-1700 | 13 | 3 | 1 |
| NULL | 3 | NULL | NULL | Machine Learning | CSCI | 6220 | NULL | NULL | NULL | NULL | NULL | 4 | NULL |
| Spring | 3 | 1 | 2019 | Networks 1 | CSCI | 6232 | NULL | NULL | M | 1800-2030 | 10 | 5 | 2 |
| Spring | 3 | 1 | 2019 | Networks 2 | CSCI | 6233 | CSCI 6232 | NULL | T | 1800-2030 | 11 | 6 | 2 |
| Spring | 3 | 1 | 2019 | Database 1 | CSCI | 6241 | NULL | NULL | W | 1800-2030 | 8 | 7 | 2 |
| Spring | 3 | 1 | 2019 | Database 2 | CSCI | 6242 | CSCI 6241 | NULL | R | 1800-2030 | 9 | 8 | 2 |
| Spring | 3 | 1 | 2019 | Compilers | CSCI | 6246 | CSCI 6461 | CSCI 6212 | T | 1500-1730 | 8 | 9 | 3 |
| Spring | 3 | 1 | 2019 | Multimedia | CSCI | 6260 | NULL | NULL | R | 1800-2030 | 4 | 10 | 3 |
| Spring | 3 | 1 | 2019 | Cloud Computing | CSCI | 6251 | CSCI 6461 | NULL | M | 1800-2030 | 7 | 11 | 6 |
| Spring | 3 | 1 | 2019 | SW Engineering | CSCI | 6254 | CSCI 6221 | NULL | M | 1530-1800 | 9 | 12 | 3 |
| Spring | 3 | 1 | 2019 | Graphics 1 | CSCI | 6262 | NULL | NULL | W | 1800-2030 | 7 | 13 | 4 |
| Spring | 3 | 1 | 2019 | Security 1 | CSCI | 6283 | CSCI 6212 | NULL | T | 1800-2030 | 4 | 14 | 3 |
| Spring | 3 | 1 | 2019 | Cryptography | CSCI | 6284 | CSCI 6212 | NULL | M | 1800-2030 | 12 | 15 | 10 |
| Spring | 3 | 1 | 2019 | Network Security | CSCI | 6286 | CSCI 6283 | CSCI 6232 | W | 1800-2030 | 11 | 16 | 10 |
| NULL | 3 | NULL | NULL | Algorithms 2 | CSCI | 6325 | CSCI 6212 | NULL | NULL | NULL | NULL | 17 | NULL |
| Spring | 3 | 1 | 2019 | Embedded Systems | CSCI | 6339 | CSCI 6461 | CSCI 6212 | R | 1600-1830 | 11 | 18 | 10 |
| Spring | 3 | 1 | 2019 | Cryptography 2 | CSCI | 6384 | CSCI 6284 | NULL | W | 1500-1730 | 10 | 19 | 10 |
| Spring | 3 | 1 | 2019 | Communication Theory | ECE | 6241 | NULL | NULL | M | 1800-2030 | 4 | 20 | 11 |
| Spring | 2 | 1 | 2019 | Information Theory | ECE | 6242 | NULL | NULL | T | 1800-2030 | 9 | 21 | 11 |
| Spring | 2 | 1 | 2019 | Logic | MATH | 6210 | NULL | NULL | W | 1800-2030 | 12 | 22 | 9 |
| Fall | 3 | 1 | 2018 | Algorithms | CSCI | 6212 | NULL | NULL | W | 1500-1700 | 9 | 23 | 1 |
| Fall | 3 | 1 | 2018 | Networks 1 | CSCI | 6232 | NULL | NULL | M | 1800-2030 | 10 | 24 | 2 |
| Fall | 3 | 1 | 2018 | Networks 2 | CSCI | 6233 | CSCI 6232 | NULL | T | 1800-2030 | 11 | 25 | 2 |
| Fall | 3 | NULL | 2018 | Machine Learning | CSCI | 6220 | NULL | NULL | NULL | NULL | NULL | 26 | NULL |
| Fall | 3 | NULL | 2018 | Algorithms 2 | CSCI | 6325 | CSCI 6212 | NULL | NULL | NULL | NULL | 27 | NULL |