
THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

The End

CS2541 Databases
Prof. Tim Wood

Final Project Demo

Monday May 2nd 12:40-2:40pm

- 5% bonus for completing early

Friday May 6th 1-3pm

Signup form will be released tomorrow

Reports for all groups due May 6th 11:59PM

We will give you data to prepopulate

- You can have additional data

Extras

Part of your grade is doing “more” than the spec

New features

Reporting capabilities

Security enhancements

Using EC2

Really nice UI/UX (although a much better UI is expected)

Final report will have a section for you to list these

Final Project Tips

Test your end to end workflows to ensure all functionality works

Test bad inputs, sneaky URLs, etc

Improve your UI and usability

- Will your interface work for a school with dozens of departments and hundreds of courses?
- Should I need to type in course IDs, etc?

Be ready to tell us about issues you fixed after Phase 1

Work should be divided evenly... if not, let me know

What is this course?

Database systems design and implementation

- Theory of relational database design and query languages
- Relational Model, Relational algebra, SQL
- Application development using Relational DBMS (MySQL), with PHP Python web apps

Intro to database models for unstructured data (Big data)

- Overview of NoSQL database models

Database System Project: Full stack development

Teamwork – SW development in teams

- Project (SW) integration

Improving technical communication skills:

- Writing in the disciplines (WID)* in tandem with CS2501

*Course is not just about Database design – you have to learn and participate in the other two course objectives (WID, Team SW).

What is this course?

One of the most **useful** and **applicable** courses you will take while at GW!

(I hope)

Integration

Course Evaluation Form

If 75% of the class
completes the evaluations,
then you will all get a 2pt
Engagement bonus

<https://gwu.smartevals.com>

