Final Project

Introduction to DBMS

CS, NTHU

Spring, 2018

Objective (1/2)

- This final project tests whether you are capable to realize a research work on a DBMS.
- Task 1: select and read into a research topic you like
  - We will provide a list to you
  - Or, you can find one from
    - SIGMOD, VLDB, ICDE (Top-3 conferences in DB field)

Objective (2/2)

- Goal: ability to judge the quality of an idea
  - Pick an idea/mechanism that fascinates you
  - Is it that good on a real system (VanillaCore)?
- Task 2: implement the idea on VanillaCore and discuss your findings

Proposal

- Before starting implementation, please hand in a proposal with the following details
  - Team ID
  - Basic information about the paper you want to study (conference, published year, authors)
  - The main idea of the paper
  - The implementation and experiments you plan to do
- Proposal deadline: ~~2018/6/10 (Sun.) 23:59~~
  - You don't need to hand in a proposal.

Final Report

- After finishing the implementation, please hand in a report with the following details
  - Team ID
  - Basic information and the main idea of the paper
  - How you implement the idea
  - The problems you occur during implementation and how you solve them
  - The experiments results of your implementation
- Report deadline: ~~2016/6/24 (Sun.) 23:59~~
  - Before the day of your presentation

Final Presentation

- In addition to the report, you also need to present your work in the class

- Your presentation needs to cover (at least) the main idea and your experiments

- The date and other details will be announced later.

- The presentation will be on 6/27 (Wed.)
  - If you wanted to present earlier, please contact TA.

Summer DB/AI Bootcamp

- We will have a summer DB/AI Bootcamp (5 days).
  - Target audiences are TAs of DB courses from other schools.
- You can join us to teach them what you have learned in this course !
  - You will get paid (1000/day)
- We will use final projects to evaluate if you are qualified.

WE WANT YOU!

Good Luck !