

EECS22L DISCUSSION

Week 1

Weiwei Chen

TA Greetings

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- It's great to see you again!
- Who are we?
Weiwei Chen and Che-Wei Chang
Ph.D. Candidates from EECS
- Office hour: Tue, 1:00-4:50pm EH1141, EH1151
(email us for additional appointment if needed)
- Email: eeecs22@eeecs.uci.edu (administrative questions)
- Responsibilities:
 - ▣ Discussion and Lab Sessions (once/week)
 - ▣ Assist some of the Thursday lecture sessions
 - ▣ Prepare projects
 - ▣ Facilitate and observe in-class participations
 - ▣ Answer questions on the course Message Board

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Course Overview

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- Course Communication
 - eecs22@eecs.uci.edu (Administrative questions)
 - Course Messageboard (Lecture or Project related questions)
 - Team discussion forum
- Some tips
 - Deliverables submission
 - **The deadline is strict.** (Monday at 12pm)
 - Please deliver as a team
 - No Exams, but mid and final code review
 - “**TA infos**” tab on course website
 - Discussion slides
 - Additional material

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What will we do?

- Discussion (1 hour)
 - Demonstrations of new tools or libraries
 - Project explanation
 - Team discussion
 - the team preference of software features
 - Design the architecture of the program
 - Decide the implementation details
 - Design the testing plan
 - ...
- Lab (3 hours)
 - Continue the team work in the discussion sessions
 - Writing the documentations
 - Implementing the software program
 - ...
- Attendance is mandatory for the sake of team work!!!

Team Work

- Software is usually built in teams!!
- Practice team software development this quarter
 - ▣ Project1: team of 4~5 students
 - ▣ Project2: team of 8~10 students
- Team responsibilities
 - ▣ Everyone needs to contribute to the team effort
 - ▣ All members eventually share the responsibility for project deliverables
 - ▣ Cross team sharing is not permitted

Now, let's team up

- Team1: jpto, eye1, rbarekat, meltonb
- Team2: blankm, jiyuc1, xiaoranl, yiaol
- Team3: vncao, estebag1, hongd2, jplam1, vangd
- Team4: tcasasol, channaj, lesmondc, jmina, eseigler
- Team5: rbendo, allenk1, daoe, kuangw, actoledo
- Team6: maichic, ecordova, clov, merrilla, dstaal
- Team7: cdfong, hodt, jyji, josem
- Team8: tonyd, wgalich, tmmccorma, norrisc

Now, let's team up

- Please pick up the name tags and sit in teams
- Name tags
 - ▣ Get: at the beginning of the session
 - ▣ Return: at the end of the session
- How to work as a team
 - ▣ talk, brain storm, participate, and work to collaborate
 - ▣ Different jobs, i.e. leaders for the project maintenance, documentation, design, testing, ...
 - ▣ Team account and online discussion forum
- Have a great team name!!

Project 1: the Chess Game

- Please read the project handout and discuss your understanding in your team
 - ▣ What is this project about?
 - ▣ What are the deliverables for this project?
 - ▣ What are provides in the project handout?
 - ▣ What are missing?
 - ▣ How to earn extra credits?
 - ▣ Any confusions?

Project 1: the Chess Game

- Understand the Chess Game program
 - ▣ Which features are required?
 - Can you elaborate these basic features with more details?
 - ▣ What are the advanced features?
 - Can you elaborate those features with more details?

Project 1: the Chess Game

- Design the team application specification
 - ▣ Goal: Specify the user experience!
 - What does the user want?
 - What does he need to provide? What does he get?
 - What does the software do? What features does it have?
 - ▣ Deliverable: Application Specification Documentation
 - Input data including options and parameters
 - What? In which format? In which order? From which device?
 - Output
 - What? In which format? In which order? To which device?
 - Processing
 - What? (not how!) What happens? What is presented?
 - Which features do you want to have in your program?
 - ▣ Team work assignment
 - Who is going to do what?
 - ▣ An initial schedule of the project (optional)