EECS 22L: Software Engineering Project in C Language
Lecture 6

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Lecture 6: Overview

- Course Administration
  - Wrapping up Project 1
  - Midterm exam
  - Course evaluation

- Project Presentations
  - Team 1
  - …
  - Team 8

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Course Administration

- Wrapping up Project 1
  1. **Software Release**:
     Final delivery due Monday, Feb. 11, 12pm (noon)
     - Binary program and documentation (`Chess.tar.gz`)
     - Source code and documentation (`Chess_Source.tar.gz`)
     ➢ Refer to posted instructions for details on these packages!

  2. **Project Presentations**:
     Tuesday, Feb. 12, 9:30-11am (lecture slot, SE2 1306)
     - 10 minute team presentation (e.g. PowerPoint)
     - By one, few, or all team members
     ➢ Title page (Team name, product, authors, …)
     ➢ Main features of your software product
     ➢ Main challenges encountered during software development
     ➢ Main lessons learned

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Course Administration

- Wrapping up Project 1 (cont'd)
  3. **Chess Tournament**:
     Tuesday, Feb. 12, 1-4:50pm (discussion + lab slots, EH 1141)
     - Every team plays their computer twice against all others
       - 7 rounds, white vs. black and black vs. white
       - In every round, 6 games are played in parallel
       - Each team provides 2 program users and 1 observer
     - **15** minute maximum "thinking" time per player
       - Each game lasts max. 20 minutes (time out = tie!)
     - Games may end in "white wins", "black wins", or "tie"
       - Up to 10 bonus points (attributed to HW5) per game!
         » Check mate: winner earns 10 (loser 0)
         » Tie: both teams earn 5
         » Abort: survivor earns 5 (0 for team at fault)
     - Team with most points is the winner of the tournament!

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Course Administration

- Wrapping up Project 1 (cont'd)
  3. **Chess Tournament**:
     Tuesday, Feb. 12, 1-4:50pm (discussion + lab slots, EH 1141)
     - Detailed Schedule:

Team in Exam	Time P.M.	EECS22L Chess Game Tournament Schedule						
		Team1	Team3	Team4	Team5	Team6	Team7	Team8
Team7	1:00	3	1	6	8	4	Exam	5
Team4	1:30	8	5	Exam	3	7	6	1
Team8	2:00	7	6	5	4	3	1	Exam
Team5	2:30	6	7	8	Exam	1	3	4
Team3	3:00	4	Exam	1	7	8	5	6
Team1	3:30	Exam	4	3	6	5	8	7
Team6	4:00	5	8	7	1	Exam	4	3

Course Administration

- Wrapping up Project 1 (cont'd)
  4. **Midterm Exam**:
     Tuesday, Feb. 12, 1-4:50pm (discussion + lab slots, EH 1151)
     - 5 minute individual *oral exam* by instructor
       – Exams per team with members in alphabetical order
       – Scheduled during the "breaks" of the chess tournament
     ➤ Present your team's project, your contribution, and
       explain your source code (at the computer terminal)
     ➤ Oral Exam Questions:
     Q1: Briefly explain how your team's product works!
       ➤ What is the overall approach / algorithm?
     Q2: Which files in the software are you in charge of?
     Q3: Which part of your work was the most challenging?
       ➤ Why? Show your solution!
     Q4: Few ad-hoc questions on your code…

Course Administration

- Wrapping up Project 1 (cont'd)
  5. **Peer Evaluation**:
     Wednesday, Feb. 6, noon – Wednesday, Feb. 13, noon
     - Online EEE survey
     - Mandatory, individual, confidential!
       - Results will be seen only by the instructor and TAs!
     - Questions:
     Q1: Name all your team members (including yourself) and
         estimate the *effort to the project* by each team member
         - Effort includes attendance, participation,
           coding, documentation, etc.
         - Scale of 1 ("poor") through 5 ("excellent")
     Q2: For project 2, choose up to 3 "buddies" you prefer
         to work with in the new team
         - New team size will be 7 to 9 students

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Course Administration

- Wrapping up Project 1 (cont'd)
  6. **Midterm Course Evaluation**:
     Wednesday, Feb. 6, noon – Wednesday, Feb. 13, noon
     - Online via EEE Evaluation application
     - Voluntary, anonymous, confidential
     - Help to improve this class!

  7. **Start of Project 2**:
     Thursday, Feb. 14, 9:30-11am (lecture slot, SE2 1306)
     - New and larger teams!
     - New and more challenging topic!

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Project Presentations

- Team 1: *Bearded Bears*
- Team 3: *ChessWorks*
- Team 4: *CHECKMATES*
- Team 5: *Glasses*
- Team 6: *BlackHorse*
- Team 7: *Pawn$tarZ*
- Team 8: *THAT Company*

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