

EECS 22L: Software Engineering Project in C Language

Lecture 14

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Lecture 14: Overview

- Completing Project 2
 - Software release
 - Taxi management demo and competition
 - Course evaluation
 - Peer evaluation
 - Final exam
- Project 2 Presentations and Demos
 - 8 teams

Course Administration

- Completing Project 2
 1. **Software Releases:**
 - Alpha version, 33% complete, due Monday, March 6, at noon
 - Beta version, 66% complete, due Monday, March 13, at noon
 - Final release, 100% complete, due Monday, March 20, at noon
 - Refer to posted instructions for details on expectations!
 2. **Team Presentations and Demos:**
 - Week 10 during lecture times
 - 8 teams on March 14, 8 teams on March 16
 - Voluntary or random order
 - Software presentation and demo (10 minutes total)
 - By one or a few selected team members
 - Main features of your Taxi Management system
 - Demonstration of an hour of taxi management (1 minute!)
 - Q + A

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Course Administration

- Completing Project 2 (cont'd)
 3. **Project Competition:** Week 10 during lab sessions
 - Demo of Taxi Management
 - Competition Client App provided by TAs
 - Taxi Management Server provided by each team
 - **Tentative Rules:** (details decided by TAs)
 - Use configuration file "**NewIrvine.map**", basic protocol (no special)
 - Use the following taxi-fare pricing structure
 - » Base price of \$3.75 applies per ride unless the customer is picked up or dropped off at a taxi stand
 - » Distance charge is \$2.00 per mile on the shortest path
 - » Taxi drivers earn \$0.20 per each city block driven (expense)
 - Obey all the rules of the City of New Irvine
 - » 45 MPH speed limit implies max. 3 blocks per minute
 - Use simulated time: 1 minute means 1 hour in real-time
 - *Maximize your profit = Maximize your bonus points!*

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Course Administration

- Completing Project 2 (cont'd)
 - 4. Final Course Evaluation:**
Monday, Feb. 27, 4:30pm – Friday, Mar. 17, 11:45pm
 - Online via EEE Evaluation application
 - Feedback from students to instructors
 - Voluntary, anonymous, confidential
 - Help to improve this class!
 - Student feedback is very valuable

Course Administration

- Completing Project 2 (cont'd)
 - 5. Peer Evaluation:**
Tuesday, March 21, 8am – Thursday, March 23, 6pm
 - Online EEE survey
 - *Mandatory*, individual, confidential!
 - Results will be seen only by the instructor and TAs!
 - Questions:
 - Q1: *For all students in your team (including yourself), please estimate the effort to project 2 by each team member*
 - Effort includes attendance, participation, communication, coding, and documentation.
 - Scale of 1 (“poor”) through 5 (“excellent”)
 - Q2: *Any additional comments on your team’s effectiveness?*
 - Optional

Course Administration

- Completing Project 2 (cont'd)
 - 6. **Final Exam:**
Thursday, March 23, 8am – 5pm (MDE, ET 201)
 - 3 minute individual *oral exam* by instructor
 - Exams per team with members in alphabetical order
 - 20 minute slots scheduled per team
 - Detailed schedule:
 - To be determined by EEE availability survey
 - *Login to the server and set up your terminal so that each exam can start on time!*

Course Administration

- Completing Project 2 (cont'd)
 - 6. **Final Exam:**
Thursday, March 23, 8am – 5pm (MDE, ET 201)
 - *Present your contribution to your team's project, and explain your source code (at the computer terminal)*
 - **Oral Exam Questions:**
 - Q1: Show your local CVS checkout!
 - Demonstrate `cvs update`, `cvs status`, or `cvs diff`
 - Q2: How does your code fit into your team's software program?
 - What do you provide? What do you depend on?
 - Q3: Show and explain your unit test!
 - Demonstrate `make test` for your module or component
 - Q4: Few ad-hoc questions on your code...

Project 2 Presentations and Demos

1. ✓ **CABO** by CoastGuard247
2. **Ostrich** by Taxidermy
3. ✓ **Coming for that CABooty** by TeamFBGM
4. ✓ **Drivin' Me Crazy** by Need A Li Ft
5. ✓ **Güber** by STACK Labs
6. **Lüber Taxi Cabs** by Lüber, Inc.
7. ✓ **Dryft** by ONYX Design
8. **CABiNET** by Chess Nuttz
9. ✓ **Uder Taxi** by AlphaGun
10. **Taxi-Cab** by Do You Even Lyft Bro LLC
11. **TSMRTP - Ryder** by Team 11
12. **Taxi Cab Service** by 12ides
13. ✓ **The Fast and the Furious Taxi** by Team 13
14. ✓ **TaxIrvine** by Team 14
15. **Tax Cab Management** by Domer Roamer
16. **StraightOuttaTinyTown** by The Furious 5