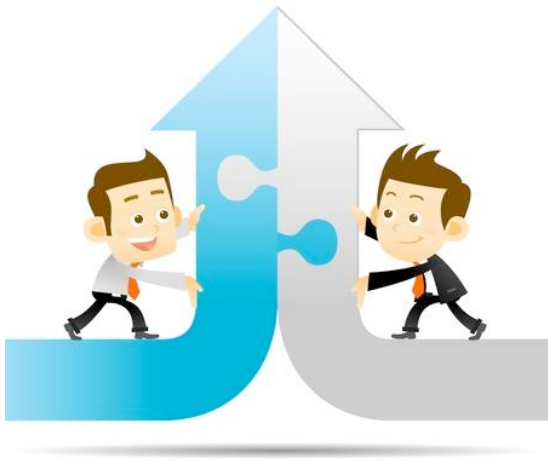


CPEN 321

Final Presentations



Project Presentations

- 15 minutes per group. All group members must be present
- Monday, Nov 26, 10am-12pm
- Monday, Nov 26, 3-4:20pm
- Tuesday, Nov 27, 3-5pm
- Wednesday, Nov 28, 10am-12pm
- Schedule is posted on Piazza

What to Bring

- 2 copies of your final requirements and design documents
- Automated test reports
- Mobile device running your app
 - Have emulator version as a backup
 - Have your backend up and running
- A computer set up to show your code (frontend and backend) and to run your test suite

Project Presentation (10 minutes)

1. Motivation – What is the problem? Who cares?
(1 slide, 1 mins)
2. Main functional and non-functional requirement
(1 slide, 2 mins)
3. Live demo. Show how you implemented your requirements (3 mins)
4. High-level architecture (1 slide, 2 mins)
5. Tools and languages used (1 slide, 1 min)
6. The most important lesson you learned
(1 slide, 1 min)

Grading

- All presented project will be graded by the instructors
- The grades of the instructors will be averaged for the final grade

Grading Rubric

- Presentation quality (covers all the required material, clarity of explanations, etc.)
- Feature-complete (all requirement implemented)
- App UI quality and usability
- Backend quality (e.g., by looking at app performance, technology stack)
- Ad-hoc code / test review
- Answers to clarification questions about the project

Winners and Awards – Wed. Nov 28

- Top 5 projects will present in class on Wed.
- The “winners” will be announced in class
 - Group presentations continue on Wed. till noon; we really will not know in advance
- 15 mins for each project
 - 10 mins presentation (same as for the instructors)
 - 5 mins Q/A
 - Demo done using doc camera
 - Have an emulator version as backup



Awards

- **1st place:**
 - 6 bonus points
 - \$100 Azure credits
 - Mockup interview + feedback
- **2nd place:**
 - 5 bonus points
 - \$50 Azure credits
 - Mockup interview + feedback
- **3rd place:**
 - 4 bonus point
 - Mockup interview + feedback
- **4th place:**
 - 3 bonus point
- **5th place:**
 - 2 bonus point

+ A session with
Anthony Chu / Microsoft:
project feedback,
resume expectations...

Wed., Nov 26 6:30-7:30?
Other time?





Julia Rubin
Reliable, Secure and Sustainable Software Lab
<http://www.ece.ubc.ca/~mjulia/ReSeSS.html>



Julia Rubin

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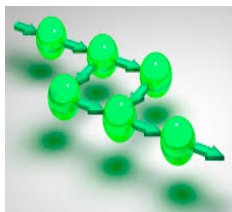
Microservice-based distributed systems

- Architecture and change management
- Performance and energy efficiency
- Microservice-aware scheduling



Security, privacy, and energy efficiency in mobile

- Analysis and patching of existing application
- (Security) Testing
- New OS mechanisms



Feature management and reuse in version control systems

- Feature extraction and integration
- Change management and fault localization