ECE 1778: Creative Applications for Mobile Devices

Lecture 12
December 2, 2016
Today

1. Thanks
2. Schedule
3. Final Report
4. What’s Next
5. Final Presentations, part 2
Thank You

- To Huawei, for supplying the Nexus 6P phones
  - As part of a research contract
  - Used in almost every project this year
  - Thanks in particular to Steve Langridge, Director at Huawei Toronto
Thank You

- To Arshia Tabrizi, B.A.Sc., P.Eng., Esq.
  - For a donation to this course & moral support
  - Permitted the purchase of external sensors and display equipment used in these projects
  - From the Tabrizi Law office AND

![VIDOYEN](https://via.placeholder.com/150x150)
2 Minutes Worth Watching
Matthieu Gagne

- Videographer/editor
  - Has done a great job on the videos over the past 5 years and this year
About Those 6P Phones
Please Return All Loaned Phones

- To the TA Daniel Di Matteo
  - Grades for teams with un-returned phone will be withheld!
The Schedule

1. Today: Final Presentations!

2. Final Report Due Wednesday December 14th
   – at 6pm. 1 Mark off for every hour late.

3. Pub Night: Wednesday December 21st
   – A post-course social get-together!!
   – 5:30pm-8pm, Faculty Club Pub – 41 Willcocks Street, downstairs
   – On me!
   – Non-alcoholic beverages also available
Final Report

- Due Date: December 14

- **Maximum 2500 words**
  - Docked 5% of final report grade for every 10 words over 2500
  - Report must include word count in document & compute penalty
  - Minimum font size 12 points
  - Pictures & words in pictures not counted
Final Report Content

1. Introduction
   – What & why – includes Specialist context

2. Statement of Functionality & **Screen Shots from App**
   – Did it work? Describe & show parts that worked
   – For parts that did not work, describe & speculate as to why

3. Overall Design
   – Block diagram, description of each part

4. Reflection: What did you learn - what would you do differently?
5. Contribution by Each Group Member
   – Describe what each group member did in project

6. Specialist Context
   – 500 words max, included in main word count
   – Describe how what was achieved can influence your research field, or the field of application.
   – Must be written by the Specialist only if one in group

7. Future Work
   – How could the app be augmented to make it better?
   – Suggest additional features and capabilities
8. State if **OK or not** to post each of the following on the Course Website:

1. Video of final presentation
2. Report
3. Source code
   - All group members must agree for each one of these to be a ‘yes’

8. **Source Code must** also be submitted to the Blackboard Portal – there will be a separate place for that on the portal
   - Not claiming any ownership, just want right to review
What To Do with Your Project?
Where Does Your App Go From Here

1. You may wish to continue developing it
   - Please do so!
   - I have continued to supervise some projects as M.Eng. projects

2. If your app is useful as is, try putting it on an App store
   - 3-4 hours of work to do all the things the stores want

3. Or, grant us permission to post your code publically if you don’t plan to use it
   - Give permission in your final report
   - Recall you must submit your source code; we can post it
   - Will link it to the project video/report on the course website
   - If you post it, or write about it, please send me the link & I’ll add it to this course version website
Final Presentations
Final Presentations

- **Maximum 8 Minutes**
  - More time than usual!

- **Must Be Self-Contained**
  - Present as if audience has seen nothing of your project

- **Who is the audience?**
  - Instructor & TAs.
  - The class
  - Your future employer
  - Your parents
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