ECE 1778: Creative Applications for Mobile Devices

Lecture 13
April 10, 2019
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 many projects and assignments this year
- Thanks in particular to Steve Langridge, Director at Huawei Toronto
Thank You

To the late 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 Logo]
Matthieu Gagne

- Videographer/editor
  - Has done a great job on the videos over the past 5 years and this year
About Those Nexus 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 Final Presentations!

2. Final Report Due Wednesday April 17th
   – at 6pm. 1 Mark off for every hour late.

3. Pub Night: Wednesday April 24th
   – A post-course social get-together
   – 5:30pm-8pm, Faculty Club Pub
   – Located at 41 Willcocks Street, Downstairs
   – Drinks and food on me!
   – Non-alcoholic beverages also available
Final Report
Final Report

- **Due Date:** April 17

- **Maximum 2500 words**
  - Penalty 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, and references not counted
Final Report Content

1. **Introduction**
   - What & Why

2. **Statement of Functionality & Screen Shots from App**
   - Describe the overall functionality of the work
   - 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?**
Final Report Content, cont’d

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.
   – Written by the Specialist

7. Future Work
   – How could the project be augmented to make it better?
   – Suggest additional features and capabilities
8. State if **OK or not** to publicly 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’; Please state clearly that all members agree in the case of yes.

**Source Code must** committed to Project GitHub Archive

   - 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!
   - In past, have supervised some projects as ECE 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 permission to post code publically if you don’t plan to use it
   - Grant permission in your final report
   - Recall that you must commit your source code;
   - If permission, will link to project video/report on course website
   - If you post it, or write about it, please send me the link & I’ll add it to website
Final 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
## Presentations April 10

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