ECE 1778: Creative Applications for Mobile Devices

Lecture 13
April 8, 2020
Today

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

- To Huawei, for supplying the Pixel 3A XL phones
  - As part of a research contract
  - Used in some projects and assignments this year
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

2 Minutes Worth Watching
Santino Pannozzo

- Videographer/editor
  - Is converting the Zoom recordings into separate videos
About Those Pixel 3A XL Phones and other Loaned Equipment
Please Return All Loaned Equipment*

1. Pixel 3A XL Phones
2. Heart Monitors
3. TI Sensor Tags

* Once the COVID-19 crisis winds down, and in-person meetings resume
1. Today: Final Presentations!

2. Final Report Due Wednesday April 15\textsuperscript{th}
   - at 6pm. 1 Mark off for every hour late.

3. Pub Night: traditional ECE 1778 post-course get together
   - Unfortunately, this doesn’t seem possible
   - So, rain check: when times return to normal, I’ll host a (pub snacks, drinks on me) night at the UofT faculty club pub; perhaps combine next years’ course with this years’
Final Report
Final Report

- Due Date: April 15

- **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?
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 publicly 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 8

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