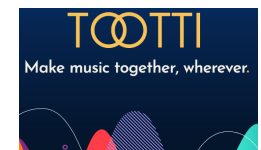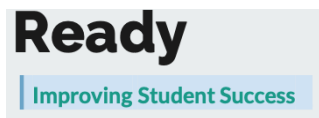# ECE 1778:
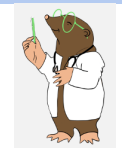# Creative Applications for Mobile Devices
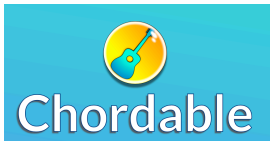
Lecture 13

April 14, 2021
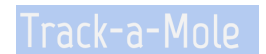
(1)

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

About Those
Pixel 3A XL Phones
and
other Loaned Equipment

Please Return All Loaned Equipment

1. Pixel 3A XL Phones

■ Contact me and let me know when you're going to deliver your loaned phone back

The Schedule

1. Today: Final Presentations, Part 2!

2. Final Report Due Wednesday April 21st
   - at 6pm. 1 Mark off for every hour late.

3. **Pub Night**: traditional ECE 1778 post-course get together
   - Will be virtual this year! BYOB.
   - Kick around ideas for the future, see what people are up to.
   - Wednesday April 28th at 5pm-6pm
   - Will send Zoom link by Announcement & in chat.

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?

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

Final Report Content, cont'd

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

(13)

Final Final Presentations

Final Presentations

- **Maximum 8 Minutes**
  - More time than usual
  - Less time for questions, so will be very brief

- **Please Introduce yourself & field/program**
  - Specialist: say field; introduce Programmers as programmers in ECE or Computer Science or MIE ….

- Note – I am recording these presentations
  - Will edit into separate videos, only published with unanimous permission

Presentations April 14

#	Project
11	CalmMind
12	Tootti
13	Present Better
14	NWTO
15	Ready
16	iPhasia
17	Interview log
18	Chordable
19	Lightbulb
20	U Health