



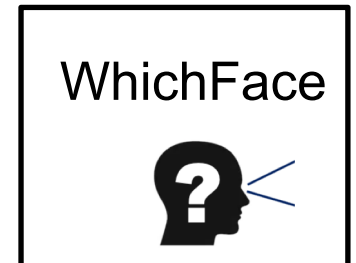
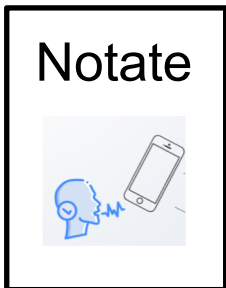
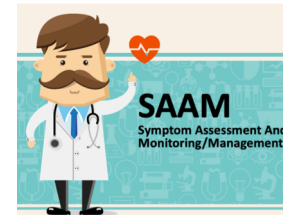
ECE 1778:

# Creative Applications for Mobile Devices

JUNGLED JUMBLE



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



# Santino Panno

---

- 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



# The Schedule

1. Today: Final Presentations!
2. Final Report Due Wednesday April 15<sup>th</sup>
  - 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?



# 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



---

# 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

#	Project
8	iBand
9	Fit-tune
10	Mind My Health
11	PERLS
12	Healthy Partner
13	ED Concierge
14	WhichFace

