



Habit Buddy

YouVote!



U of T & Me

ECE 1778:

Creative Applications for Mobile Devices

Correctly



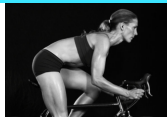
Lecture 12

December 2, 2016

Patio

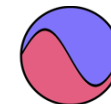
Cognitive Game

HIIT It!



Trip Story

IntelliWork



Ups and Downs



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



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?

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.
- 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

Final Report Content, cont'd

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



Presentations December 9

#	Project
7	Correctly
8	HIIT It!
9	Trip Story
10	Habit Buddy
11	Ups and Downs
12	Timbre Tuner

