

**ECE 1778:**

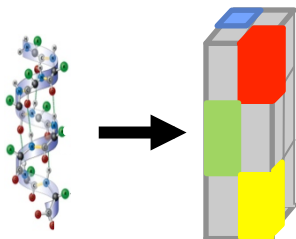
# Creative Applications for Mobile Devices



Lecture 13  
April 8, 2015



**Stegosaurus**



(1)



Audiobook Club

**flapCHECK**



# Today

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1. Thank yous
2. Schedule
3. Final Report
4. Visit to Plastic Mobile
5. What's Next
6. Final Presentations, part 2



# Thank You

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- To Huawei, for the donation of many Huawei Ascend P6 Smartphones
  - Used in a number of the projects from last week and today.



# 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 the presentations



# Thank You

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- To Jason Hyde of Plastic Mobile for giving the UX lecture!

*plastic*

# Thank You

- To Matthieu Gagne (& Faculty of Engineering)
  - For hard work in recording and editing the final presentations!



# The Schedule

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1. Today: Final Presentations
2. Final Report Due Thursday April 9<sup>th</sup>
  - at 6pm. 1 Mark off for every hour late.
3. **Pub Night:** Wednesday April 15<sup>th</sup>
  - A post-course social get-together
  - 5:30pm-8pm, Faculty Club Pub
    - 41 Willcocks Street, downstairs
  - On me!
  - Non-alcoholic beverages also available



# Visit to Plastic Mobile Innovation Lab

Tour of innovation lab at Plastic

- The company that gave our UX lecture

■ **Today @ 3:15pm**

■ **Location: 171 East Liberty Street**

- Liberty Market Building, Suite 204
- Closest intersection is King and Strachan.

■ **5 people last week from class said they were coming +?**





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# Final Report

Due Date, Contents

# New Note: Along with Final Report

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- Please submit a zip archive of your source code
- This remains your intellectual property, but we reserve the right to view it
- There is an 'assignment' called **Final Report and Source Code** now available on Blackboard.

# Final Report

- Due Date: April 9<sup>th</sup> (Thursday) at 6pm
  - 1 Day after the last class on April 8th
  - Let me know if urgency for grade for graduation
  
- **Maximum 2500 words**
  - Docked 5% of final report grade for every 10 words over 2500, or proportionate therein
  - Report must include word count in document
  - Minimum font size 12 points
  - Pictures & words in pictures not counted



# Final Report Content

1. Introduction
  - What & why – includes Apper context
2. Overall Design
  - Block diagram, description of each part
3. 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
4. What did you learn - what would you do differently?



# Final Report Content

## 5. Contribution by Group Members

- Describe what each group member did in project

## 6. Apper Projects: Apper 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 Apper only if one in group

## 7. Future Work

- How could the app be augmented to make it better?
- Suggest additional features and capabilities

### ■ Let me know if OK to post

1. Video, report on course web page, 2015 version
2. Source code on GitHub

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# What Next?

# Notes on What Happens Next

1. Please consider putting your App on an App Store
2. Please consider allowing us to post your source code for public use (with credit to you) if you don't plan to move it forward
3. If you want to continue to work on this collaboratively, consider discussing it with me & new research Centre:
  - 'The Center for Inter-Disciplinary Mobile Software and Hardware'
  - <http://www.eecg.utoronto.ca/~jayar/CIMSAH/>



# The Centre for Inter-Disciplinary Mobile Software and Hardware

In the University of Toronto

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The goal of this research centre is to explore and develop high-impact applications of mobile technology in a range of disciplines, bringing together people capable of programming these devices with others who can make new and novel uses of them.



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# Final Presentations/Demo Today



# Final Presentations

- **Maximum 8 Minutes**
- **Must be self-contained**
  - Describe motivation/goal
  - Overall Design
  - Demo
  - **Key Learning** - What you'd do differently if starting again
  - **Future Work** – additional capability/features if work was to continue

# Final Presentations Today

#	Project
8	Don't Stop
9	Stegosaurus
10	PUPL
11	Peptiblocks (formerly Foldr)
12	Motivus
13	Ergo
14	FlapCheck
15	ChemoBrain

