

# Streaming Audio:

Accessing course-related music on mobile devices

Carolyn Doi (McGill University)

Jared Wiercinski (Concordia University)

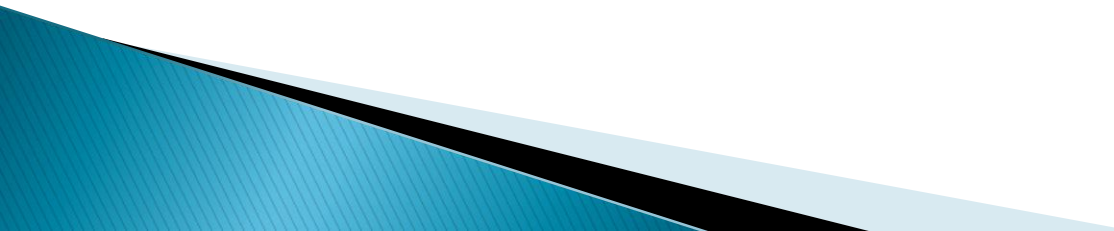
# History of the Project

- 2008/2009
  - FFAR 298d Music of The Beatles (Morrison)
  - FFAR 398m Understanding Music (Bhagwati)
  - MUSI 265 Rock and its Roots (Morrison)

# History of the Project

- 2009/2010
  - FFAR 298p Pop, Soul and its Roots (Morrison)
  - FFAR 398b Hip Hop: Past, Present, Future (Peters)
  - FFAR 298d Music of The Beatles (Morrison)
  - FFAR 398a Zappa: Composer & Social Critic (Pinsonneault)
  - FFAR 398m: Understanding Music (Theriault)
  - JAZZ 200: Language of Jazz (Ellison)
  - JPER 430: Jazz Improvisation (Ellison)
  - MHIS 398i: Oral Tradition (Brown)
  - MUSI 265: Rock and its Roots (Morrison)

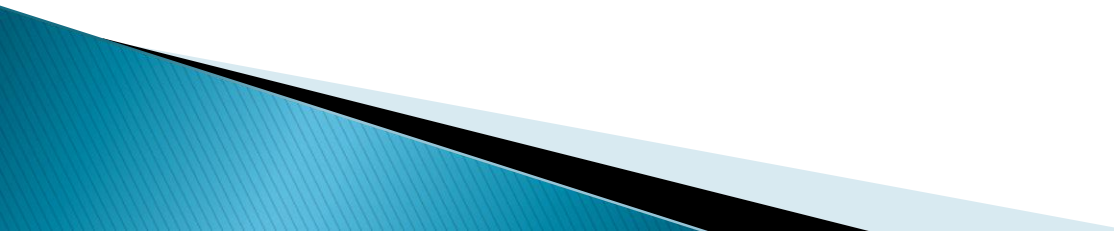
# Student Survey Highlights

- ▶ Administered at the end of Fall 2009 semester
  - ▶ Paper proved to be much more effective
  - ▶ Survey Monkey results
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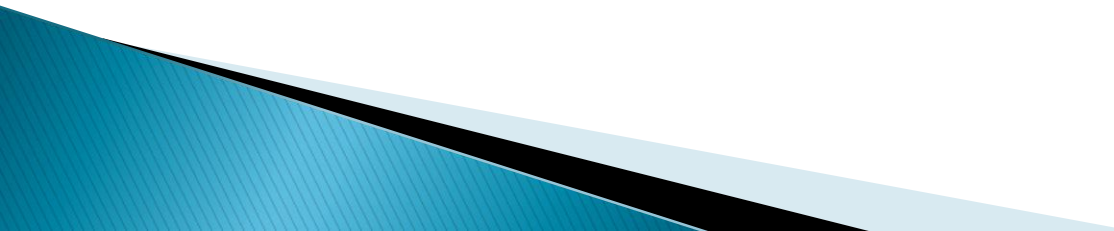
# Rationale for Mobile Project

- ▶ Student demand (survey)
- ▶ Current Flash-based system isn't mobile friendly
- ▶ Flash is coming in a mobile context, so something to watch
- ▶ In any case, won't solve our problem because...
  - 86% of mobile users in Canada have the iPhone/iTouch
  - Apple doesn't support Flash

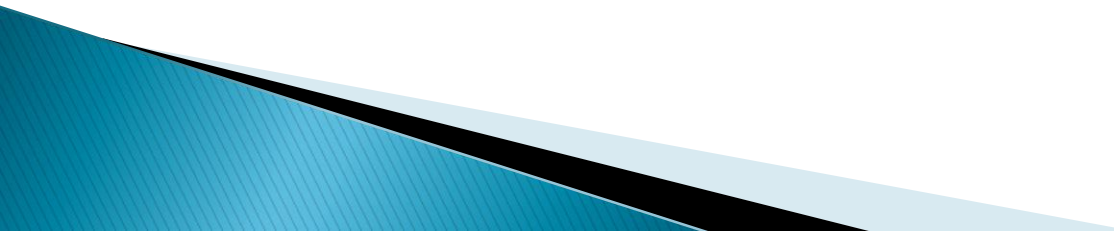
# Project Goals

- ▶ Complete an environmental scan of existing audio streaming mobile applications
  - ▶ Choose an existing system and test
  - ▶ Build our own prototype based on emerging standards that emphasize accessibility
  - ▶ Share findings with the broader library community
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# Environmental Scan

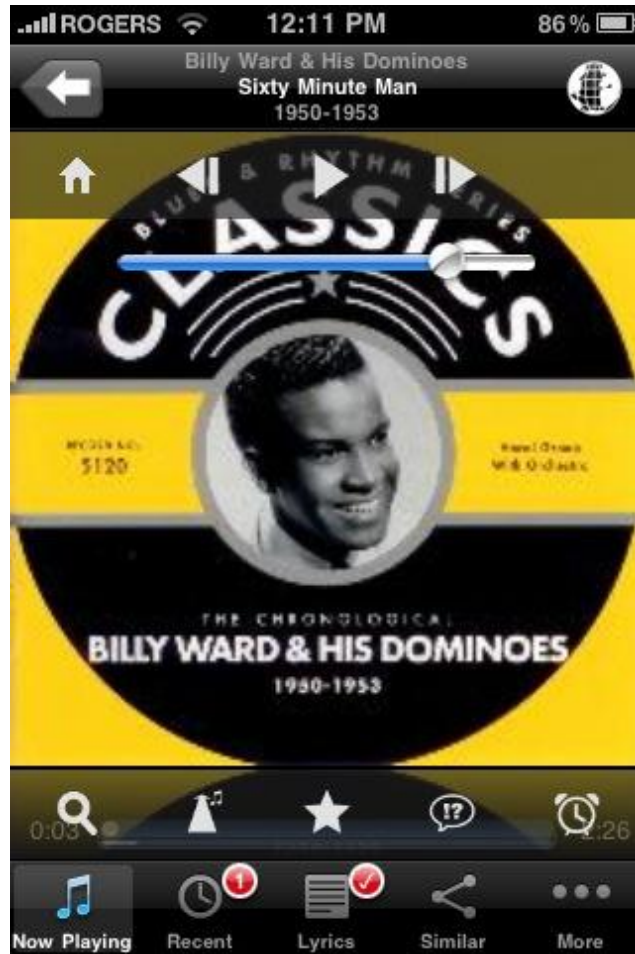
- ▶ Traditional literature search came up short
  - ▶ Turned to blogs, listservs, emails etc for more current info
  - ▶ Identified 2 options that could work for this project:
    - Using an existing iPhone application
    - Build prototype using emerging standards i.e. HTML5 & CSS3
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# Choose an Existing System

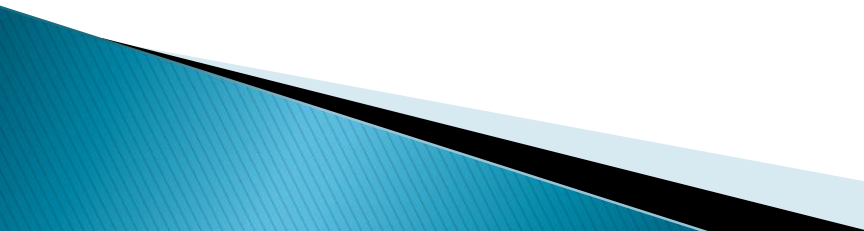
- ▶ Chose ooTunes server software which works with iTunes
  - ▶ Implemented test with Craig Morrison's MUSI 265 Rock and Rolls and its Roots course with Prof
  - ▶ [Demo](#)
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# ooTunes Application



# Build our own Prototype

- ▶ Environmental scan: HTML 5
    - HTML 5 – what it is / what the goals are
    - YouTube / Vimeo / CBS
    - Chance to get our feet wet with emerging standards
  - ▶ Environmental scan: JPlayer
    - Modified and improved it to work in mobile context
  - ▶ Demo –firefox, safari, chrome (follow along on iphone)
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# Build our own Prototype

- ▶ <http://www.sqacbm.org/carolyn/>

# Share Findings

- ▶ CAML conference presentation in Regina
- ▶ Writing a journal article
- ▶ Preparing an on-line tutorial on how to set up a mobile media player, which will accompany journal article