



# Development and Evolution of Mobile Learning: A case study of AECT 2006 -2012

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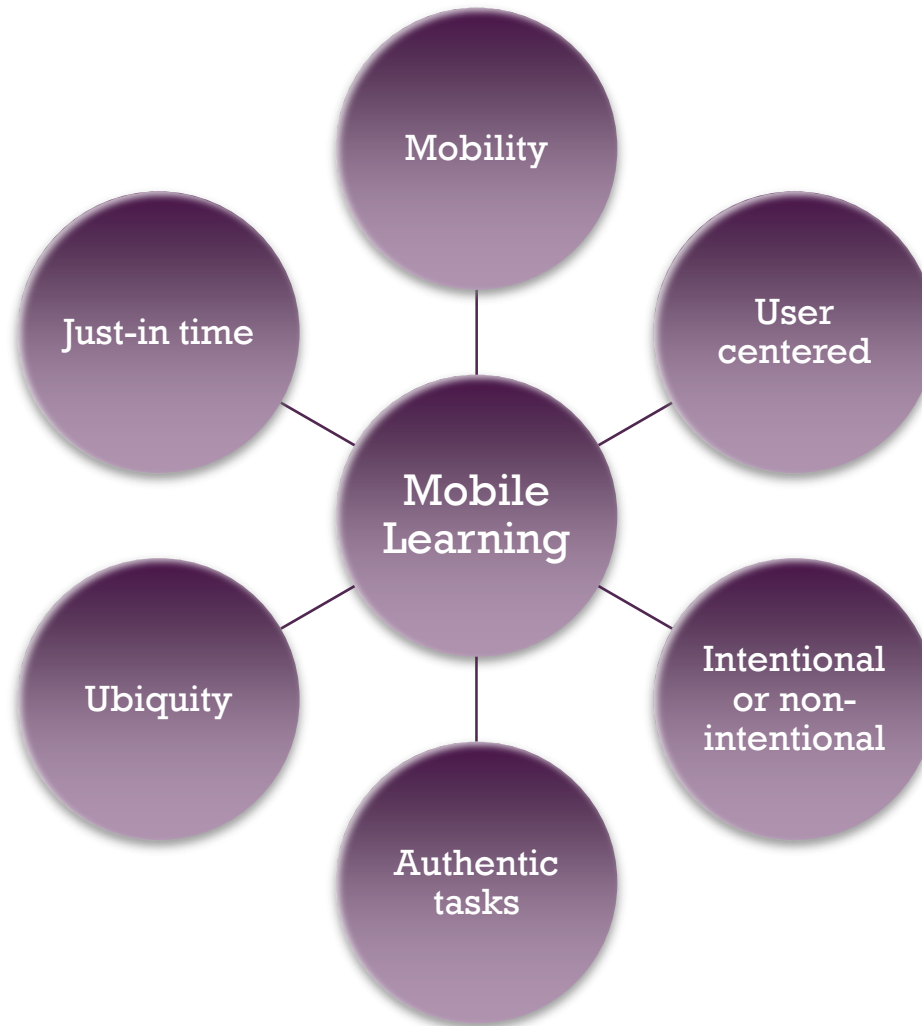
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# + What is mobile learning?



- “Any education provision where the sole or dominant technologies are handheld or palmtop devices” (Traxler, 2005).
- This definition is supported by later research with a focus on “mediated learning through mobile technology” (Winters, 2006) and wireless interactive learning devices (Pea & Maldonado, 2006) (as cited in Park, 2011).

# + How we define mobile learning



# + Research Questions



- How has interest in research on mobile learning changed in the last five years within AECT?
- How has research on mobile learning changed in the last five years within AECT?
- What mobile learning topics are have been discussed in the last five years within AECT?
- Has the focus of mobile learning research changed in the last five years within AECT, and if so, how has it changed?

# + Why AECT?



- A professional organization within the field of educational technology
- Put practitioners and researchers together
- International community
- Personal connection



# Why the specific time period



- The development and introduction of the International Journal of Mobile Learning was launched in 2007. This indicates that mobile learning has been of interest to the general research community prior to 2007.
- The deployment of the iPhone (2007), which some suggest changed the way mobile learning was done. In order to see and understand this shift, we need to explore research prior to this year.
- The proceedings of AECT online showed up in 2006.

# + Data Collection



Looking at

- TechTrends and ETR&D Journals
- AECT Conference Program
- AECT Conference Proceedings
- Key word
- Abstract
- Title

Example key words

- Hand-held, phone, mobile, iPad, iPod, iPod Touch

# + What we found so far



- Seeking for definition of mobile learning
- Examining tools and exploring the use of mobile technologies
- Utilizing mobile devices in different context for different instructional goals and objectives



# + Next Steps



- Content analysis
- Generating main themes and categories
- Defining sub-categories
- Documenting patterns shown in the researches