

MOBILE LIBRARIES OF THE FUTURE: FROM DEVICE TO USER

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ABOUT RENISON UNIVERSITY COLLEGE

- A federated college with U of Waterloo.
- Founded at 1959.
- Specialized in ELI, Applied Language Studies, SDS, Social Work, EAS, Studies in Islam and Religious Studies.
- Online and In-class enrollment: 1,000 students.
- Faculty/Staff: 104.



RENISON AT UW



WHY ADVOCATE MOBILE TECHNOLOGY AT RENISON?

- Accessibility of audience.
- Instant delivery and updates.
- Affordable/portable.
- Novelty of gadget/display.
- Supports those with special needs.



STARTING FROM SCAN: QR CODE

- QR is short for Quick Response.
- Two-dimensional code which can store over 5000 characters of text information.



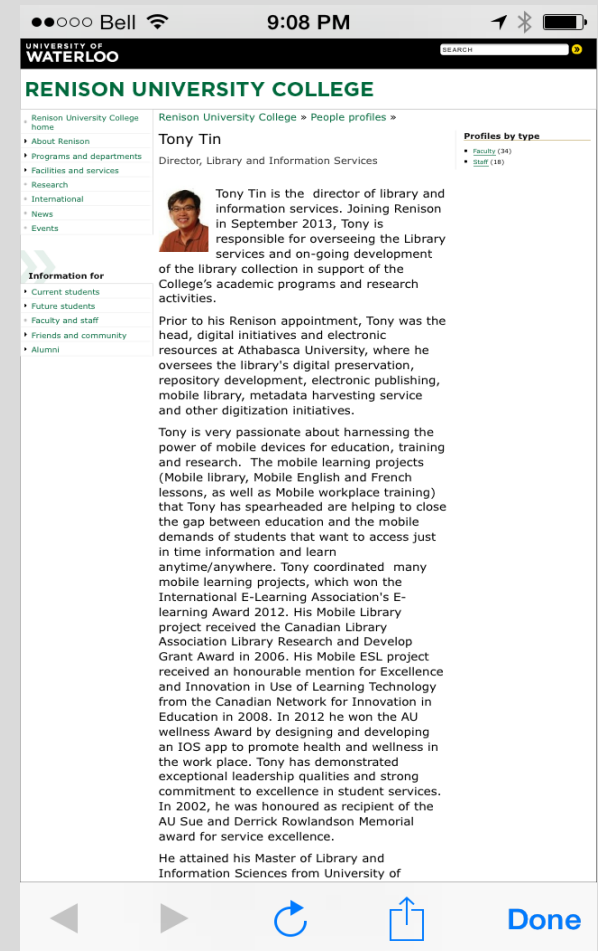
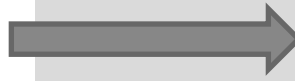
HOW DOES IT WORKS

- Information can be accessed by using a mobile device with reader software to scan a QR code image.
- QR code can store many types of information including
 - Video
 - Audio
 - Text
 - Web link
 - Contact Information
 - Geographic location
- Popular free QR readers include QR reader & Neoreader.



CREATIVE USE OF QR:

BUSINESS CARD

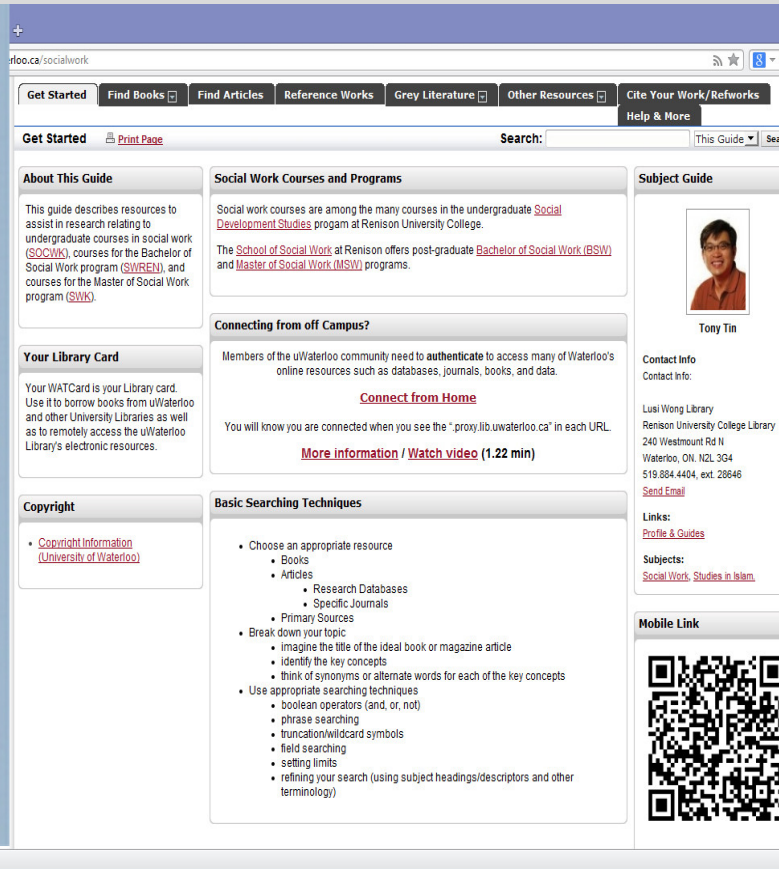



CREATIVE USE OF QR CODE: LIBGUIDE

Desktop Version

How to scan a QR code:

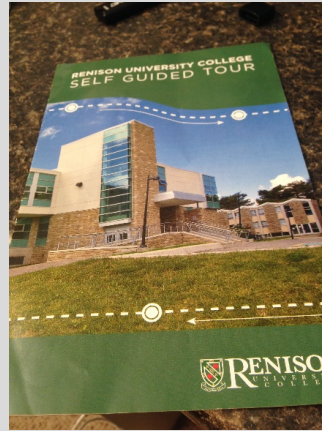
1. Start the scanner application*
2. Point the phone's camera to the QR code
3. The phone will read the code and display its information



Mobile Version



OTHER USE ...



AUGMENTED REALITY (AR)



AR is a live, direct or indirect, view of a physical, real-world environment whose elements are augmented by computer-generated sensory input such as sound, video, or graphics.



TO TOUCH: NEAR FIELD COMMUNICATION (NFC)

A set of standards for smartphones and similar devices to establish radio communication with each other by touching them together



Touch to Share



Touch to Discover



Touch to Pay



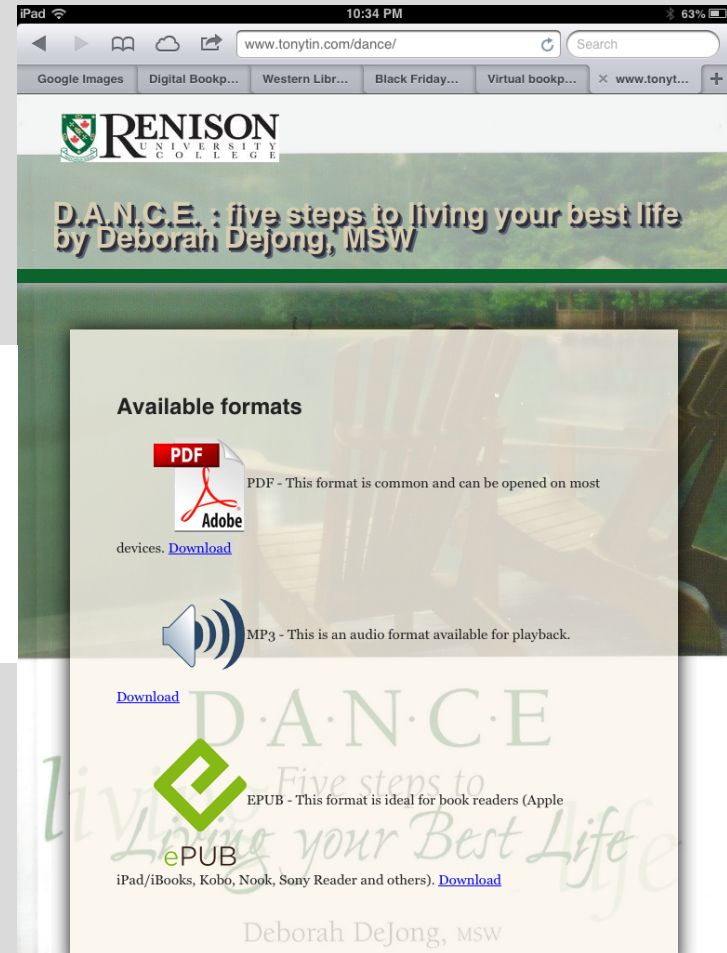
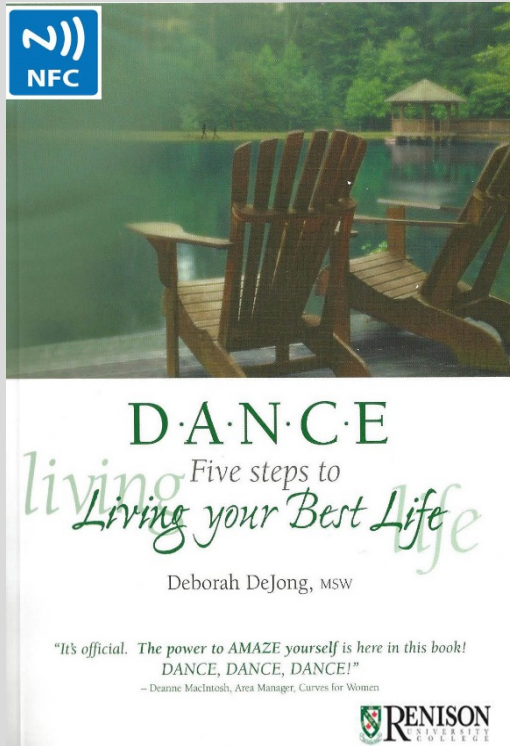
Touch to Ticket



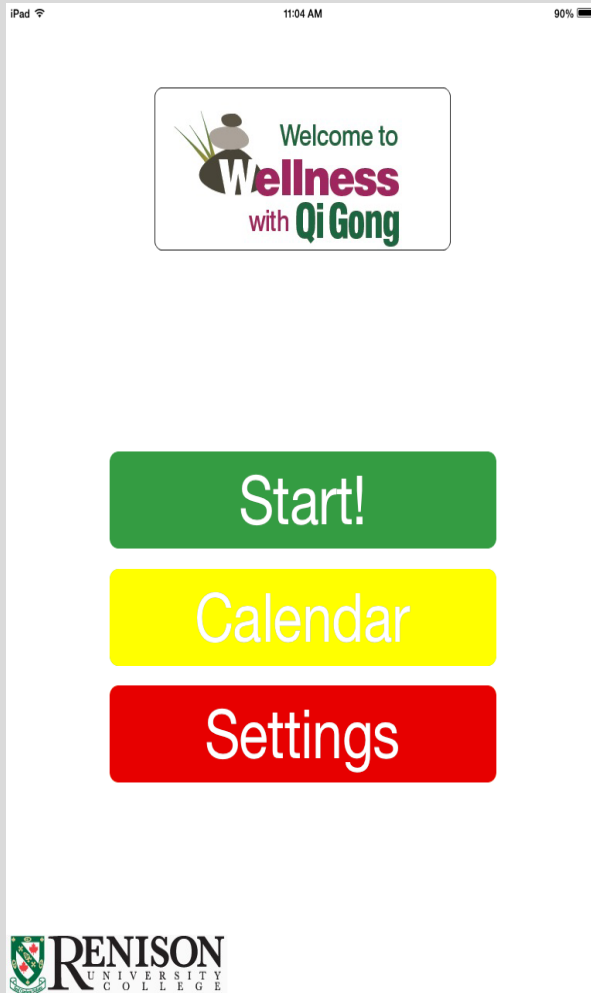
NFC SMARTBOOK: TOUCH TO READ



FEATURING NFC SMARTBOOK TECHNOLOGY



MOBILE QI GONG APP

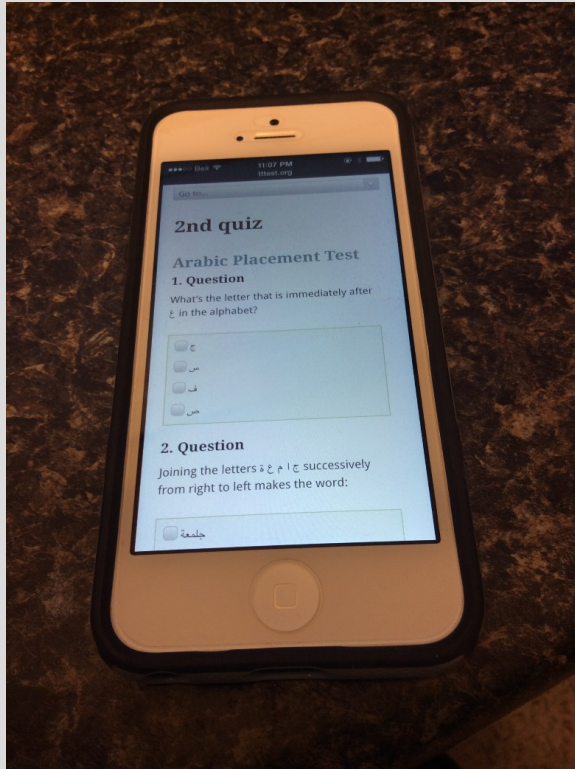


- Partnership with the Canadian Chinese Health Qi gong Organization & School of Social Work
- Explore the use of mobile technology as a tool for delivering health and wellness information.
- Reminding and teaching of simple Qi Gong exercises that can be done anytime and anywhere.
- <https://itunes.apple.com/us/app/mobileqigong/id858352805?ls=1&mt=8>

Demo



MOBILE ARABIC LANGUAGE EVALUATION TOOLS



- Allow students to practice interactive language lessons on their own time, with their own devices.
- Utilize m-learning pedagogy with interactive lessons, audio exercises and quizzes.
- Incorporate OpenBadges



MOBILE INFORMATION LITERACY

Information Literacy: recognize when information is needed and have the ability to locate, evaluate, and effectively use the needed information

Mobile Information Literacy: incorporates technology into the learning process

American Library Association.

[Presidential Committee on Information Literacy. Final Report.](#) (Chicago: American Library Association, 1989.)



OUR MOBILE PROJECT

- Over 20 videos currently (LINC).
- Expand beyond videos with activities.
- Reinforce lessons learned.

Demo



CHALLENGES

- Defining content
 - Define the amount and type of information
- Design of the format
 - Normal website vs. mobile version
 - text, images, graphics, tables, location
 - different file types (pdf, flv)
- Display models
 - different display model and stylesheet
- Different standards, data networks, and operating systems
- Language compatibility
- Bandwidth



FINAL REMARKS

- It's not about devices, but capabilities.
- It's not about technology, but user experience.



FINAL REMARKS

- It's not about knowledge, but imagination.

Limitations live only in our minds. But if we use our imaginations, our possibilities become limitless.

Henry Ford



THANK YOU



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