PATHFINDER

MOBILE APPLICATIONS

SLRC

INTRODUCTION

A pathfinder is a guide to the literature and resources in a particular subject area. It is a subject oriented research guide designed to encourage researchers a self-directed use of the library.

The Reference/Periodical Section provides pathfinders basically to support students and faculty in their search for recorded literature and resources available at the S.H.L. Learning Resource and accessible on the Net.

This pathfinder on **MOBILE APPLICATION** consists of 2 titles of books; 12 titles of theses; 6 titles of printed journals; and 44 e-journals from online databases Academic OneFile.

Should you have comments or suggestions on this pathfinder, please call us at 723-07-06 local 113/114 or send message to lpuslrc_main@yahoo.com

MOBILE APPLICATION

Scope note and definition:

A mobile application, most commonly referred to as an app, is a type of application software designed to run on a mobile device, such as a smartphone or tablet computer. Mobile applications frequently serve to provide users with similar services to those accessed on PCs. Apps are generally small, individual software units with limited function. This use of software has been popularized by Apple Inc. and its App Store, which sells thousands of applications for the iPhone, iPad and iPod Touch.

A mobile application also may be known as an app, Web app, online app, iPhone app or smartphone app.

Source:
(http://www.techopedia.com/definition/2953/mobile-application-mobile-app)

BOOKS
(Circulation Section)

Druin, Allison (2009) Mobile technology for children
designing for interaction and Learning. Amsterdam
: Elsevier. 004.65 M687

Love, Steve (2005) Understanding mobile human-
computer interaction. Amsterdam: Elsevier.
004.165 L897u

THESES
(Reference & Periodicals Section)

Abad, Honeymie A., et al. (2010) Phonebook data security: a
simulation. BSICT 656

Abella, Fruline M., et al.   (2010) G3AME animated SMS: a
mobile application.   BSICT652

Acebeque, Aurea Isabel P. , et al. (2010) Themoholic: a
simulation of a theme customization tool for mobiles
phones. BSICT650

Beloy, Alyssa C., et.al. (2012) iScantext: " A software to convert
images to text using OCR Technology. BSCS690

Canuel, Regio John M., et al. (2010)   Textbomb: a mobile
simulation for sending scheduled text messages.
BSICT655

Castaneda, Aniway H. English to Filipino and Filipino to English
        Word Translator for mobile phone. BSICT661

Castllo, Cenmar Mancini M., et.al (2012) B- text : An Algorithm
        to send text via Bluetooth. BSCS 710

Castillo, Maxilito A., et al. (2010)   Mobile music video clip
        application: a simulation. BSICT657

Cometa, Alvin G., et al. (2010) Mobile bluetooth chat: a mobile
        simulation. BSICT663

Gelotin, Charles Winner B. , et al. (2010)   Mobisafe: a
        simulation. BSICT 648

Landicho, Michelle Angela, et al. (2010)   English - French
        Mobile dictionary: a simulation.   BSICT 651

Menez, Jericho Neil L. , et al. (2009)   Mobile Cookbook: a
        simulation. BSICT 649

JOURNALS
(Reference & Periodicals Section)

Almarez, Noemi H. Mobosafe: a simulation. College of Computer System Research Journal, vol. 10, p. 54-56.

Dolot, Joselito A., et al. (2010). Phonebook data security: a simulation. College of Computer System Research Journal, vol. 10, p48-50.

Macatangay, Luisa P., et al. (2010). Mobile music video clip application: a simulation. College of Computer System Research Journal, vol. 10, p. 57-59.

Red, Evelyn Z., et al. (2010). G3ame animated SMS: a mobile application. College of Computer System Research Journal, vol. 10, p. 41-42.

Vengco, Jacqueline V. , et al. (2010). English to Filipino and Filipino to English word translator for mobile phone. College of Computer System Research Journal, vol. 10, p. 38-40.

Vengco, Jacqueline V., et al. (2010). Mobile Bluetooth char: a mobile application. College of Computer System Research Journal, vol. 10, p. 43-45.

Online Journals
(Electronic Research Section)

Anthes, G. (2011, September). Invasion of the mobile apps. *Communications of the ACM*, *54*(9), 16+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA291010586&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Bhamidipati, P., Huang, X., Jia, C., Luo, X., & Raveendran, V. (2012). Mobile multipath cooperative network for real-time streaming. *Signal Processing: Image Communication*, *27*(8), 856+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA302001885&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Bidaki, M., Maleknasab, M., & Masdari, M. (2012). A survey and taxonomy of name systems in mobile ad hoc networks. *Journal of Network and Computer Applications*,*35*(5), 1493+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA294278334&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Biradar, R. C., & Manvi, S. S. (2012). Review of multicast routing mechanisms in mobile ad hoc networks. *Journal of Network and Computer Applications*, *35*(1), 221+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA273478200&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Calhan, A., & Ceken, C. (2013). Case study on handoff strategies for wireless overlay networks. *Computer

Standards & Interfaces, *35*(1), 170+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA306 626847&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Cameron, N. (2012, February 14). An app a day: the mobile applications that law firms have developed for clients, prospective clients and potential recruits. *Solicitors Journal*, *156*(6), S17+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA287 058311&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Castedo, L., Fernandez-Carames, T. M., & Gonzalez-Lopez, M. (2011). Mobile WiMAX for vehicular applications: Performance evaluation and comparison against IEEE 802.11p/a. *Computer Networks The International Journal of Computer and Telecommunications Networking*, *55*(16), 3784+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA268 564895&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Castillejo-Gonzalez, I. L., De la Orden, M. S., Garcia-Ferrer, A., & Mesas-Carrascosa, F. J. (2012). Real-time mobile phone application to support land policy. *Computers and Electronics in Agriculture*, *85*, 109+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA292 565004&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Chamodrakas, I., & Martakos, D. (2012). A utility-based fuzzy TOPSIS method for energy efficient network selection in heterogeneous wireless

networks. *Applied Soft Computing Journal*, *12*(7), 1929+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA289490355&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Charland, A., & Leroux, B. (2011, May). Mobile application development: Web vs. native. *Communications of the ACM*, *54*(5), 49+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA296583971&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Christin, D., Hollick, M., Kanhere, S. S., & Reinhardt, A. (2011, November). A survey on privacy in mobile participatory sensing applications. *The Journal of Systems and Software*, *84*(11), 1928+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA266693068&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Ci, S., Liu, Y., Tang, H., & Ye, Y. (2012). Application-adapted mobile 3D video coding and streaming -- A survey. *3D Research*, *3*(1), 1+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA281787532&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Constructing knowledge via mobile devices - one interaction at a time. (2012). *International Journal of Technology Enhanced Learning*, *3*(6), 599. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA280099348&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Dargie, W., & Schill, A. (2011). Stability and performance analysis of randomly deployed wireless

networks. *Journal of Computer and System Sciences*, *77*(5), 852+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA258037352&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Davis, M. A. (2011, September 26). Take Charge Of Your Mobile Apps. *InformationWeek*, (1310), 18. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA268089706&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Extensible architecture for context-aware mobile web applications. (2012). *Expert Systems With Applications*, *39*(10), 9686+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA284886315&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Fernando, N., Loke, S. W., & Rahayu, W. (2013). Mobile cloud computing: A survey. *Future Generation Computer Systems*, *29*(1), 84+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA305872113&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Ferrari, G., Gay, V., Leguay, J., Lopez-Ramos, M., & Medagliani, P. (2012). Energy-efficient mobile target detection in Wireless Sensor Networks with random node deployment and partial coverage. *Pervasive and Mobile Computing*, *8*(3), 429+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA290184955&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Finnis, J., Iamnitchi, A., Ligatti, J., & Saigal, N. (2012). A location-based policy-specification language for

mobile devices. *Pervasive and Mobile Computing*, *8*(3), 402+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA290184953&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Gans, J. S. (2012, March). Mobile application pricing. *Information Economics and Policy*, *24*(1), 52+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA282642337&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Guitton, A., Hadid, N., & Misson, M. (2012). Exploiting a meeting channel to interconnect mobile robots. *Journal of Network and Computer Applications*, *35*(5), 1436+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA294278330&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Hassanein, H., Mawji, A., & Zhang, X. (2011). Peer-to-peer overlay topology control for mobile ad hoc networks. *Pervasive and Mobile Computing*, *7*(4), 467+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA265540272&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Holbrook, E. (2011, July-August). Mobile apps and hidden risks. *Risk Management*, *58*(6), 6+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA264480808&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Honicky, R. J. (2011, June). Understanding and using rendezvous to enhance mobile crowdsourcing applications. *Computer*, *44*(6), 22+. Retrieved from

http://go.galegroup.com/ps/i.do?id=GALE%7CA266
711574&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Hua, V. (2011, August). Redefining the security wall: with
the proliferation of web 2.0 apps and mobile
devices, internet security requires more than a
simple firewall. *T H E Journal* [Technological
Horizons In Education], *38*(7), 36+. Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA265
372508&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Huang, Y.-H., Hung, S.-H., Lee, C.-P., Shieh, J.-P., & Shih,
C.-S. (2012). Executing mobile applications on the
cloud: Framework and issues. *Computers and
Mathematics with Applications*, *63*(2), 573+.
Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA276
590932&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Huntley, C. L. (2011, September). Onshore mobile app
development: successes and
challenges. *Computer*, *44*(9), 102+. Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA273
039078&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Joly, K. (2012, April). The 2012 state of the mobile web in
higher ed: mobile solutions now at the majority of
institutions. *University Business*, *15*(4), 52+.
Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA286
254226&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Kajioka, S., Murata, M., & Wakamiya, N. (2012).
Autonomous and adaptive resource allocation

among multiple nodes and multiple applications in heterogeneous wireless networks. *Journal of Computer and System Sciences*, *78*(6), 1673+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA302 560985&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Kao, Y.-W., Lin, C., Yang, K.-A., & Yuan, S.-M. (2012). A Web-based, Offline-able, and Personalized Runtime Environment for executing applications on mobile devices.*Computer Standards & Interfaces*, *34*(1), 212+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA272 906095&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Knox, K. C. (2012, October). Digitize your wallet. *Information Today*, *29*(9), 21. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA304 306726&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Kuber, R., Qian, H., & Sears, A. (2011). Towards developing perceivable tactile feedback for mobile devices. *International Journal of Human - Computer Studies*, *69*(11), 705+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA263 557939&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Lambrou, T. P., & Panayiotou, C. G. (2012). A testbed for coverage control using mixed wireless sensor networks. *Journal of Network and Computer Applications*, *35*(2), 527+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA278 333417&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Larosa, C. H. L. H. C. H. Y. T. (2012). Design and
　　　consideration of integrated PLC and 3G mobile
　　　networks as internet of things
　　　architecture. *International Journal of Internet
　　　Protocol Technology*, *7*(2), 63. Retrieved from
　　　http://go.galegroup.com/ps/i.do?id=GALE%7CA307
　　　581014&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Lawton, G. (2011). Simplifying mobile recommendation
　　　technology with AI. *IEEE Intelligent Systems*, *26*(3),
　　　8-9. Retrieved from
　　　http://go.galegroup.com/ps/i.do?id=GALE%7CA273
　　　747953&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Lewis, N. (2012, February 1). Mobile Apps Help Keep
　　　Costs Down. *InformationWeek*, (10), 4. Retrieved
　　　from
　　　http://go.galegroup.com/ps/i.do?id=GALE%7CA278
　　　645207&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Mancini, C., & Wishart, R. (2012). Privacy Management in
　　　Mobile Applications: A Report on PriMo
　　　2011. *Journal of Network and Systems
　　　Management*, *20*(1), 149+. Retrieved from
　　　http://go.galegroup.com/ps/i.do?id=GALE%7CA277
　　　987022&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Mobile agent approach for efficient network exploration
　　　and fault detection. (2011). *International Journal of
　　　Intelligent Engineering Informatics*, *1*(3/4), 297.
　　　Retrieved from
　　　http://go.galegroup.com/ps/i.do?id=GALE%7CA280
　　　098344&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Mobile app industry agrees to privacy standards in California. (2012, May). *The Computer & Internet Lawyer*, *29*(5), 20+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA288 174343&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Rani, S. S., & Srivatsun, G. (2011). A compact wideband fractal cantor antenna for wireless applications. *AEUE - International Journal of Electronics and Communications*, *65*(9), 719+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA258 091428&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Reilly, M., & Shen, H. (2012). Personalized multi-user view and content synchronization and retrieval in real-time mobile social software applications. *Journal of Computer and System Sciences*, *78*(4), 1185+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA283 348586&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Rouse, J. (2012). Mobile devices - the most hostile environment for security? *Network Security*, *2012*(3), 11+. Retrieved from http://go.galegroup.com/ps/i.do?id=GALE%7CA292 570946&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Williams, J. (2012, June). The value of mobile apps in health care: learn how mobile applications and technologies are improving quality of care, patient satisfaction, safety, and convenience--and reducing costs. *Healthcare Financial Management*, *66*(6),

96+. Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA300
343014&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Young, J. R. (2011). Top smartphone apps to improve
teaching, research, and your life. *Education
Digest*, *76*(9), 12+. Retrieved from
http://go.galegroup.com/ps/i.do?id=GALE%7CA257
410885&v=2.1&u=lyceumph&it=r&p=AONE&sw=w

Compiled by: Ma. Elsa V. Guarino
Director

Emma S. Alilio
Librarian

Designed by: Diana Joy A. Sasuya
Library Assistant

3rd Floor, SHL Bldg.
LPU Batangas
Capitol Site, Kumintang Ibaba
Batangas City