

REFERENCE LIST

- [1] S. Pyla, M. Tungare, J. Holman, and M. Pérez-Quiñones, “Continuous user interfaces for seamless task migration in human-computer interaction. ambient, ubiquitous and intelligent interaction. in proc. hci international 2009,” *Springer Berlin, Heidelberg*, vol. 10, pp. 978–3, 2009.
- [2] D. G. Zhang, “A new approach and system for attentive mobile learning based on seamless migration,” *Applied Intelligence*, vol. 36, no. 1, pp. 75–89, 2012.
- [3] H. Chu, H. Song, C. Wong, and S. Kurakake, “Seamless applications over roam system,” in *Proceedings of the Workshop on Application Models and Programming Tools for Ubiquitous Computing (UbiTools' 01)*. Citeseer, 2001.
- [4] M. Tungare and M. Pérez-Quiñones, “It’s not what you have, but how you use it: Compromises in mobile device use,” *arXiv preprint arXiv:0801.4423*, 2008.
- [5] P. Yu, X. Ma, J. Cao, and J. Lu, “Application mobility in pervasive computing: A survey,” *Pervasive and Mobile Computing*, vol. 9, no. 1, pp. 2–17, 2013.
- [6] G. Pan, Y. Xu, Z. Wu, S. Li, L. Yang, M. Lin, and Z. Liu, “Taskshadow: toward seamless task migration across smart environments,” *IEEE Intelligent Systems*, vol. 26, no. 3, pp. 50–57, 2010.
- [7] M. Tungare, P. S. Pyla, M. Sampat, and M. A. Pérez-Quiñones, “Syncables: A framework to support seamless data migration across multiple platforms,” in *2007 IEEE International Conference on Portable Information Devices*. IEEE, 2007.
- [8] V. Kumar, N. Tyagi, and R. Baghel, “Realization of seamless mobility in heterogeneous wireless networks based on ieee 802. 21 framework,” *International Journal of Computer Applications*, vol. 53, no. 3, 2012.
- [9] M. Jeon, S. K. Kim, J. H. Yoon, J. Jo, and S. B. Yang, “Short paper: Seamless file sharing for android devices,” in *2014 IEEE World Forum on Internet of*

Things (WF-IoT). IEEE, 2014, pp. 189–190.

- [10] D. Garlan, D. P. Siewiorek, A. Smailagic, and P. Steenkiste, “Project aura: Toward distraction-free pervasive computing,” *IEEE Pervasive computing*, vol. 1, no. 2, pp. 22–31, 2002.
- [11] M. Kozuch, M. Satyanarayanan, T. Bressoud, C. Helfrich, and S. Sinnamohideen, “Seamless mobile computing on fixed infrastructure,” *Computer*, vol. 37, no. 7, pp. 65–72, 2004.
- [12] H. Chu, H. Song, C. Wong, S. Kurakake, and M. Katagiri, “Roam, a seamless application framework,” *Journal of Systems and Software*, vol. 69, no. 3, pp. 209–226, 2004.
- [13] P. S. Pyla, M. Tungare, and M. Pérez-Quinones, “Multiple user interfaces: Why consistency is not everything, and seamless task migration is key,” in *Proceedings of the CHI 2006 workshop on the many faces of consistency in cross-platform design*. Citeseer, 2006.
- [14] P. G. Austrem, “‘Seamless application’ for seamless and personal mobile computing,” in *Proceedings of the 14th Conference on Pattern Languages of Programs*, 2007, pp. 1–8.
- [15] J. Li, Y. Bu, S. Chen, X. Tao, and J. Lu, “Followme: on research of pluggable infrastructure for context-awareness,” in *20th International Conference on Advanced Information Networking and Applications-Volume 1 (AINA’06)*, vol. 1. IEEE, 2006, pp. 6–pp.
- [16] A. Sinitsyn, “A synchronization framework for personal mobile servers,” in *IEEE Annual Conference on Pervasive Computing and Communications Workshops, 2004. Proceedings of the Second*. IEEE, 2004, pp. 208–212.
- [17] N. Agrawal, A. Aranya, and C. Ungureanu, “Mobile data sync in a blink,” in *5th {USENIX} Workshop on Hot Topics in Storage and File Systems (HotStorage 13)*, 2013.

- [18] S. Agarwal, D. Starobinski, and A. Trachtenberg, "On the scalability of data synchronization protocols for pdas and mobile devices," *IEEE network*, vol. 16, no. 4, pp. 22–28, 2002.
- [19] X. Bao, N. Xiao, W. Shi, F. Liu, H. Mao, and H. Zhang, "Syncviews: Toward consistent user views in cloud-based file synchronization services," in *2011 Sixth Annual Chinagrid Conference*. IEEE, 2011, pp. 89–96.
- [20] A. Irfan and A. Khalique, "A comparative demonstration and analysis of file sharing applications on android mobile devices," *International Journal of Computer Applications*, vol. 156, no. 12, 2016.
- [21] A. Sridhar, K. Nahrstedt, and L. Vu, "Sangam—efficient cellular-wifi group framework for file sharing service," in *MILCOM 2012-2012 IEEE Military Communications Conference*. IEEE, 2012, pp. 1–6.
- [22] S. Jan, M. Li, G. Al-Sultany, and H. Al-Raweshidy, "File annotation and sharing on low-end mobile devices," in *2010 Seventh International Conference on Fuzzy Systems and Knowledge Discovery*, vol. 6. IEEE, 2010, pp. 2973–2977.
- [23] A. Krifa, M. K. Sbai, C. Barakat, and T. Turletti, "Bithoc: A content sharing application for wireless ad hoc networks," in *2009 IEEE International Conference on Pervasive Computing and Communications*. IEEE, 2009, pp. 1–3.
- [24] K. Y. Chen, D. Ashbrook, M. Goel, S. H. Lee, and S. Patel, "Airlink: sharing files between multiple devices using in-air gestures," in *Proceedings of the 2014 ACM International Joint Conference on Pervasive and Ubiquitous Computing*, 2014, pp. 565–569.
- [25] S. Lu, G. Chavan, Y. Liu, and Y. Liu, "Design and analysis of a mobile file sharing system for opportunistic networks," in *2011 Proceedings of 20th International Conference on Computer Communications and Networks (ICCCN)*. IEEE, 2011, pp. 1–6.
- [26] L. W. Chen, Y. F. Ho, W. T. Kuo, and M. F. Tsai, "Intelligent file transfer for

- smart handheld devices based on mobile cloud computing,” *International Journal of Communication Systems*, vol. 30, no. 1, p. e2947, 2017.
- [27] S. Jung, U. Lee, A. Chang, D. K. Cho, and M. Gerla, “Bluetorrent: Cooperative content sharing for bluetooth users,” *Pervasive and Mobile Computing*, vol. 3, no. 6, pp. 609–634, 2007.
- [28] M. Chung and I. Ko, “Data-sharing method for multi-smart devices at close range,” *Mobile Information Systems*, vol. 2015.
- [29] W. Liu, B. Tieman, R. Kettimuthu, and I. Foster, “A data transfer framework for large-scale science experiments,” in *Proceedings of the 19th ACM International Symposium on High Performance Distributed Computing*, 2010, pp.717–724.
- [30] V. Mäkelä, M. Khamis, L. Mecke, J. James, M. Turunen, and F. Alt, “Pocket transfers: Interaction techniques for transferring content from situated displays to mobile devices,” in *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems*, 2018, pp. 1–13.
- [31] Y. L. Jie, Z. X. Yi, C. Da, and Z. Siting, “Development and implementation of eclipse-based file transfer for android smartphone,” in *2012 7th International Conference on Computer Science & Education (ICCSE)*. IEEE, 2012, pp.568–571.
- [32] W. A. Jabbar, M. Ismail, and R. Nordin, “Framework for enhancing p2p communication protocol on mobile platform,” *Proceedings of the ICIA*, vol. 12, 2012.
- [33] P.K. Tysowski, P. Zhao, and K. Naik, “Peer to peer content sharing on ad hoc networks of smartphones,” in *2011 7th International Wireless Communications and Mobile Computing Conference*. IEEE, 2011, pp. 1445–1450.
- [34] R. Shah and Z. Narmawala, “Mobile torrent: Peer-to-peer file sharing in

- android devices,” *Int. J. Comput. Sci. Commun*, vol. 7, pp. 20–34, 2016.
- [35] G. Ananthanarayanan and I. Stoica, “Blue-fi: enhancing wi-fi performance using bluetooth signals,” in *Proceedings of the 7th international conference on Mobile systems, applications, and services*, 2009, pp. 249–262.
- [36] A. Rahman, M. H. Habaebi, and M. Ismail, “P2p file sharing app for android devices sporting ieee 802.15. 4 zigbee radios,” *ARPJ Journal of Engineering and Applied Sciences*, vol. 10, no. 2, pp. 557–562, 2015.
- [37] A. Duran and C.C. Shen, “Mobile ad hoc p2p file sharing,” in *2004 IEEE Wireless Communications and Networking Conference (IEEE Cat. No. 04TH8733)*, vol. 1. IEEE, 2004, pp. 114–119.
- [38] S. Saroiu, P. K. Gummadi, and S. D. Gribble, “Measurement study of peer-to-peer file sharing systems,” in *Multimedia Computing and Networking 2002*, vol. 4673. International Society for Optics and Photonics, 2001, pp. 156–170.
- [39] R. Motta and J. Pasquale, “Wireless p2p: Problem or opportunity,” in *Proceedings of the Second IARIA Conference on Advances in P2P Systems*. Citeseer, 2010, pp. 32–37.
- [40] G. Ding and B. Bhargava, “Peer-to-peer file-sharing over mobile ad hoc networks,” in *IEEE Annual Conference on Pervasive Computing and Communications Workshops, 2004. Proceedings of the Second*. IEEE, 2004, pp. 104–108.
- [41] A. Klemm, C. Lindemann, and O. P. Waldhorst, “A special-purpose peer-to-peer file sharing system for mobile ad hoc networks,” in *2003 IEEE 58th Vehicular Technology Conference. VTC 2003-Fall (IEEE Cat. No. 03CH37484)*, vol. 4. IEEE, 2003, pp. 2758–2763.
- [42] D. I. Jason Abbruzzese and S. Click, “The coronavirus pandemic drove life online. it may never return.” Mar 2020. [Online]. Available: <https://www.nbcnews.com/tech/internet/coronavirus-pandemic-drove-life-online-it-may-never-return-n1169956>

- [43] “Interfaces,” Mar 2019. [Online]. Available:
<https://wiki.videolan.org/Interfaces>
- [44] “Vlc http requests,” Jan 2019. [Online]. Available:
[_ https://wiki.videolan.org/VLC_HTTP_Requests/](https://wiki.videolan.org/VLC_HTTP_Requests/)
- [45] “Documentation: modules/http intf,” Mar 2019. [Online]. Available:
[_ https://wiki.videolan.org/documentation:modules/http_intf/](https://wiki.videolan.org/documentation:modules/http_intf/)
- [46] “Vlc media player,” Mar 2019. [Online]. Available:
<https://www.videolan.org/vlc/>
- [47] M. Huculak, “Using nearby sharing on windows 10 April 2018 update,” May 2018. [Online]. Available: <https://www.windowcentral.com/how-use-nearby-sharing-transfer-files-between-pcs-windows-10-april-2018-update>