

DAFTAR PUSTAKA

- [1] “Tarif dan Pembayaran BHP Frekuensi Radio - Izin Spektrum Frekuensi Radio - Direktorat Jenderal Sumber Daya dan Perangkat Pos dan Informatika.” [Online]. Available: <http://www.postel.go.id/artikel-izin-spektrum-frekuensi-radio-tarif-dan-pembayaran-bhp-frekuensi-radio-7-2146>. [Accessed: 05-Jun-2017].
- [2] K. R. Fall and W. R. Stevens, *TCP/IP illustrated, volume 1: The protocols*. addison-Wesley, 2011.
- [3] S. Puangpronpitag, P. Kasabai, and D. Pansa, “An enhancement of the SDP Security Description (SDES) for key protection,” *2012 9th Int. Conf. Electr. Eng. Comput. Telecommun. Inf. Technol. ECTI-CON 2012*, 2012.
- [4] B. M. Raymundo, G. a. Pedro, and V. L. José Luis, “Implementation of voip at the University of Colima, utilizing H.323 protocol,” *2006 3rd Int. Conf. Electr. Electron. Eng.*, pp. 1–4, 2006.
- [5] C. Guo, C. Miao, Z. Wu, and Lijie, “Design and implement of the VoIP amplifying telephone communication system based on simplified MGCP,” *Proc. - 2nd IEEE Int. Conf. Adv. Comput. Control. ICACC 2010*, vol. 5, pp. 415–419, 2010.
- [6] S. Zeadally and F. Siddiqui, “Design and implementation of a SIP-based VoIP architecture,” *Proc. - Int. Conf. Adv. Inf. Netw. Appl.*, vol. 2, pp. 187–190, 2004.
- [7] J. Costeux, F. Guyard, A. Bustos, and F. T. R, “Detection and Comparison of RTP and Skype Traffic and Performance,” pp. 2–6, 2006.
- [8] J. Kim, S. H. Han, H. Lee, W. Ryu, and M. Hahn, “QoS-Factor Transmission Control Mechanism for Voice over IP Network based on RTCP-XR Scheme,” 2006.
- [9] A. L. Alexander, A. L. Wijesinha, and R. Karne, “An evaluation of Secure Real-Time Transport Protocol (SRTP) performance for VoIP,” *NSS 2009 - Netw. Syst. Secur.*, pp. 95–101, 2009.
- [10] A. Ahira, “Mengatasi Masalah Video Codec.” [Online]. Available: <http://www.anneahira.com/codec.htm>. [Accessed: 01-Jan-2015].
- [11] A. Aminuddin, Widyawan, and R. Ferdiana, “Perancangan Protokol Hybrid Pada Implementasi Voice Over Ip (Voip) Berbasis Tcp / Ip,” *Semnasteknomedia*, pp. 6–7, 2016.
- [12] I. Octavio, J. S. Parra, and I. Neil, “Comparison SIP and IAX to Voice Packet Signaling over VOIP,” pp. 1442–1449, 2013.
- [13] M. T. Ali and M. Saleem, “Improved audio quality at 48 Kbits/s for MPEG-4 AAC,” *2nd Int. Conf. Electr. Eng. ICEE*, no. March, 2008.
- [14] V. Nikolajevic and G. Fettweis, “Improved implementation of MDCT in MP3



- audio coding,” *APCC/MDMC '04. 2004 Jt. Conf. 10th Asia-Pacific Conf. Commun. 5th Int. Symp. Multi-Dimensional Mob. Commun. Proceeding*, vol. 1, pp. 309–312, 2004.
- [15] A. Peji, P. M. Stani, and S. Pletl, “Analysis of Packet Loss Prediction Effects on the Objective Quality Measures of Opus Codec,” pp. 33–37, 2014.
- [16] M. Goudarzi, L. Sun, and E. Ifeachor, “Modelling speech quality for NB and WB SILK codec for VoIP applications,” *Int. Conf. Next Gener. Mob. Appl. Serv. Technol.*, pp. 42–47, 2011.
- [17] P. Srivastava, K. Babu, and T. Osv, “Performance evaluation of Speex audio codec for wireless communication networks,” *8th IEEE IFIP Int. Conf. Wirel. Opt. Commun. Networks, WOCN2011*, 2011.
- [18] a. Kosaka, S. Yamaguchi, H. Okuhata, T. Onoye, and I. Shirakawa, “VLSI implementation of Ogg Vorbis decoder for embedded applications,” *15th Annu. IEEE Int. ASIC/SOC Conf.*, pp. 20–24, 2002.
- [19] A. Aminuddin, Widyawan, and R. Ferdiana, “Analisis Performa Audio Codec Pada Implementasi Voice Over Ip (Voip),” *Semnasteknomedia*, pp. 6–7, 2016.
- [20] J. C. W. Wong, “Walkie talkie.” Google Patents, 07-Nov-2000.
- [21] Iowa-Industrial, “Icom ic-P7A vhf/uhf dual band ham handheld transceiver.” [Online]. Available: <http://www.iowa-industrial.com/Eastern-Iowa-/Electrical-Suppliss-and-Materials-/Electrical-Distribution-/Icom-ic-P7A-vhf-uhf-dual-band-ham-handheld-transceiver.cfm>. [Accessed: 01-Jan-2015].
- [22] R. Rafiudin, *PROTOKOL – PROTOKOL Esensial Internet*. Jakarta: PT ANDI Offset, 2006.
- [23] V. K. Garg and T. S. Rappaport, *Wireless network evolution: 2G to 3G*. Prentice Hall PTR, 2001.
- [24] R. C. Qiu, W. Zhu, and Y.-Q. Zhang, “Third-generation and beyond (3.5 G) wireless networks and its applications,” in *Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on*, 2002, vol. 1, p. I-41.
- [25] E. Dahlman, S. Parkvall, and J. Sköld, “4G LTE,” *LTE-advanced Mob. broadband*, pp. 100–137, 2011.
- [26] M. Sathiya, R. Gowthami, G. Karpagam, B. Saranya, and U. Suganya, “CELLULAR AND NETWORK ARCHITECTURE FOR 5G WIRELESS COMMUNICATION NETWORKS IN MOBILE TECHNOLOGY.”
- [27] Kustanto and D. T. Saputro, *Membangun Server Internet dengan MikroTik OS*. Gava Media, 2008.
- [28] D. Suprianto and R. Agustina, *Pemrograman Aplikasi Android*. MediaKom, 2012.
- [29] N. Safaat H, *Pemrograman Aplikasi Mobile Smartphone Dan Tablet PC Berbasis Android*. INFORMATIKA, 2014.



- [30] M. R. Auliya, D. Setiadi, and M. A. putra Pratama, "Systems Development Life Cycle (SDLC)." [Online]. Available: http://www.kompasiana.com/android/systems-development-life-cycle-sdlc_55002a07a33311bb7450fda9. [Accessed: 05-Apr-2017].
- [31] H. Al Fatta, *Analisis Dan Perancangan Sistem*. Yogyakarta, 2009.
- [32] M. Huda and B. Komputer, *Membuat Aplikasi Database dengan Java, MySQL, dan NetBeans*. Jakarta: Elex Media Komputindo, 2010.
- [33] A. Suhendar and H. Gunadi, *Visual Modeling Menggunakan UML dan Rational Rose*. Bandung: Informatika, 2002.
- [34] Benny Hermawan, *Menguasai Java 2 dan Object Oriented Programming*. Yogyakarta: Andi Publishing, 2004.
- [35] S. Stendy B, *PHP 5 Pemrograman Berorientasi Objek: Konsep Dan Implementasi*. Yogyakarta: Andi Publishing, 2011.
- [36] Kusri, *Strategi Perancangan dan Pengelolaan Basis Data*. Yogyakarta: Andi Publishing, 2007.
- [37] B. Raharjo, *Buku Belajar Otodidak Membuat Database Menggunakan MySQL*. Bandung: Informatika, 2011.
- [38] V. Yasin, *Rekayasa Perangkat Lunak Berorientasi Objek: Pemodelan, Arsitektur, dan Perancangan*. Jakarta: Mitra Wacana Media, 2012.
- [39] Z. Hakim, "Apa itu SqlLite?" [Online]. Available: <http://www.zainalhakim.web.id/apa-itu-sqlite.html>. [Accessed: 05-Apr-2017].
- [40] "Opus Codec." [Online]. Available: <https://www.opus-codec.org/comparison/>. [Accessed: 19-Dec-2015].