DAFTAR PUSTAKA

Afrizal, S. H. *et al.* (2019) 'Narrative review for exploring barriers to readiness of electronic health record implementation in primary health care', *Healthcare Informatics Research*, 25(3), pp. 141–152. doi: 10.4258/hir.2019.25.3.141.

Afrizal, S. H., Hidayanto, A. N., Hakiem, N., *et al.* (2020) 'Design of mHealth Application for Integrating Antenatal Care Service in Primary Health Care: A User-Centered Approach', in. Institute of Electrical and Electronics Engineers (IEEE), pp. 1–6. doi: 10.1109/icic47613.2019.8985911.

Afrizal, S. H., Hidayanto, A. N., Handayani, P. W., *et al.* (2020) 'Survey-based data describing readiness to adopt an electronic pregnancy registration-monitoring system amongst health workers', *Data in Brief*. Elsevier Inc., 32, p. 106192. doi: 10.1016/j.dib.2020.106192.

Albrecht, U. V. *et al.* (2013) 'App-synopsis-standard reporting for medical apps', *Studies in Health Technology and Informatics*, 192(1–2), p. 1154. doi: 10.3233/978-1-61499-289-9-1154.

Alekh, S. (2018) 'Human Aspects and Perception of Privacy in Relation to Personalization'. Available at: http://arxiv.org/abs/1805.08280.

Alfawzan, N. *et al.* (2022) 'Privacy, Data Sharing, and Data Security Policies of Women's mHealth Apps: Scoping Review and Content Analysis', *JMIR mHealth and uHealth*, 10(5), p. e33735. doi: 10.2196/33735.

American Psychiatric Association (2022) *The App Evaluation Model*. Available at: https://www.psychiatry.org/psychiatrists/practice/mental-health-apps/the-app-evaluation-model (Accessed: 29 May 2022).

Araújo, N., Souza, P. de and Soares, H. (2019) 'Digital Privacy and Security : A Study on Users ' Perception and Behavior from the Privacy Paradox Perspective', (December), pp. 1–9.

Aswandi, R., Muchsin, P. R. and Sultan, M. (2020) 'Perlindungan Data dan Informasi Pribadi Melalui Indonesian Data Protection System (IDPS)', 3(2), pp. 167–190.

Bachiri, M. *et al.* (2016) 'Mobile personal health records for pregnancy monitoring functionalities: Analysis and potential', *Computer Methods and Programs in Biomedicine*. Elsevier Ireland Ltd, 134, pp. 121–135. doi: 10.1016/j.cmpb.2016.06.008.

Battle, J. D. *et al.* (2015) 'mHealth for Safer Deliveries: A mixed methods evaluation of the effect of an integrated mobile health intervention on maternal care utilization', *Healthcare*. Elsevier, 3(4), pp. 180–184. doi: 10.1016/j.hjdsi.2015.10.011.

Baumel, A. *et al.* (2017) 'Enlight: A comprehensive quality and therapeutic potential evaluation tool for mobile and web-based eHealth interventions', *Journal of Medical Internet Research*, 19(3). doi: 10.2196/jmir.7270.

Benjumea, J. *et al.* (2019) 'Privacy in mobile health applications for breast cancer patients', *Proceedings - IEEE Symposium on Computer-Based Medical Systems*, 2019-June(May 2018), pp. 634–639. doi: 10.1109/CBMS.2019.00131.

Benjumea, J. *et al.* (2020) 'Assessment of the fairness of privacy policies of mobile health apps: Scale development and evaluation in cancer apps', *JMIR mHealth and uHealth*, 8(7), pp. 1–20. doi: 10.2196/17134.

Bining, M. *et al.* (2022) 'An Evaluation of Publicly Available Smartphone Apps to Support Unpaid Cancer Caregivers', *Journal of Pain and Symptom Management*. Elsevier Inc., 63(3), pp. 430–439. doi: 10.1016/j.jpainsymman.2021.09.017.

Bookert, N., Bondurant, W. and Anwar, M. (2022) 'Data practices of internet of medical things: A look from privacy policy perspectives', *Smart Health*. Elsevier Inc., 26(September), p. 100342. doi: 10.1016/j.smhl.2022.100342.

Callahan, D. (1973) 'The WHO definition of "health".', *Studies - Hastings Center*, 1(3), pp. 77–88. doi: 10.2307/3527467.

Carroll, J. M. (1990) 'Security and credibility in an information-intensive society', *Computers & Security*, 9(6), pp. 489–498. doi: https://doi.org/10.1016/0167-4048(90)90124-C.

Centers for Medicare and Medicaid Services (2021) 'HIPAA Basics for Providers : Privacy , Security , & Breach Notification Rules'. Medicare Learning Network, pp. 1–11. Available at: https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNProducts/Downloads/HIPAAPrivacyandSecurity.pdf.

Chiauzzi, E. and Newell, A. (2019) 'Mental health apps in psychiatric treatment: A patient perspective on real world technology usage', *JMIR Mental Health*, 6(4). doi: 10.2196/12292.

Cohen, J. (1978) 'The Political Element in Legal Theory: A Look at Kelsen's Pure Theory', *The Yale Law Journal*, 88(1), p. 1. doi: 10.2307/795677.

Constant, D. *et al.* (2014) 'Mobile phone messages to provide support to women during the home phase of medical abortion in South Africa: A randomised controlled trial', *Contraception*. Elsevier Inc., 90(3), pp. 226–233. doi: 10.1016/j.contraception.2014.04.009.

Cornet, V. P. and Holden, R. J. (2018) 'Systematic review of smartphone-based passive sensing for health and wellbeing', *Journal of Biomedical Informatics*, 77, pp. 120–132. doi: 10.1016/j.jbi.2017.12.008.Systematic.

Corniere, A. de and Nijs, R. De (2013) 'Online Advertising and Privacy', *The RAND Journal of Economics*, (650), pp. 1–35.

Das, G. *et al.* (2018) 'Privacy policies for apps targeted toward youth: Descriptive analysis of readability', *JMIR mHealth and uHealth*, 6(1), pp. 1–12. doi: 10.2196/mhealth.7626.

Dinh-Le, C. *et al.* (2019) 'Wearable health technology and electronic health record integration: Scoping review and future directions', *JMIR mHealth and uHealth*, 7(9). doi: 10.2196/12861.

Direktorat Kesehatan Keluarga (2022) 'Laporan Kinerja Direktorat Kesehatan Keluarga Tahun 2021', *Kementerian Kesehatan RI*, 5201590(021), p. 4. Available at: https://www.depkes.go.id/article/view/19020100003/hari-kanker-sedunia-2019.html.

Dogruel, L. and Jöckel, S. (2019) 'Risk perception and privacy regulation preferences from a cross-cultural perspective. A qualitative study among German and U.S. smartphone users', *International Journal of Communication*, 13, pp. 1764–1783.

Feroz, A., Perveen, S. and Aftab, W. (2017) 'Role of mHealth applications for improving antenatal and postnatal care in low and middle income countries: a systematic review', *BMC Health Services Research*, 17. doi: 10.1186/s12913-017-2664-7.

Flors-Sidro, J. J. *et al.* (2021) 'Analysis of diabetes apps to assess privacy-related permissions: systematic search of apps', *JMIR Diabetes*, 6(1), pp. 1–13. doi: 10.2196/16146.

Ford, K. *et al.* (2022) 'The use of mobile phone applications to enhance personal safety from interpersonal violence – an overview of available smartphone applications in the United Kingdom', *BMC Public Health*. BioMed Central, 22(1), pp. 1–13. doi:

10.1186/s12889-022-13551-9.

Frid, G., Bogaert, K. and Chen, K. T. (2021) 'Mobile health apps for pregnant women: Systematic search, evaluation, and analysis of features', *Journal of Medical Internet Research*, 23(10), pp. 1–8. doi: 10.2196/25667.

Giansanti, D. (2021) 'The role of the mhealth in the fight against the covid-19: Successes and failures', *Healthcare (Switzerland)*, 9(1), pp. 19–22. doi: 10.3390/healthcare9010058.

Goetz, M. *et al.* (2017) 'Perceptions of patient engagement applications during pregnancy: A qualitative assessment of the patient's perspective', *JMIR mHealth and uHealth*, 5(5), pp. 1–14. doi: 10.2196/mhealth.7040.

Gong, X., Razzaq, A. and Wang, W. (2021) 'More haste, less speed: How update frequency of mobile apps influences consumer interest', *Journal of Theoretical and Applied Electronic Commerce Research*, 16(7), pp. 2922–2942. doi: 10.3390/jtaer16070160.

Graff, H. J. and Duffy, J. (2014) 'Literacy Myths', *Literacies and Language Education*, (January 2014). doi: 10.1007/978-3-319-02321-2.

Hackett, K. M., Kazemi, M. and Sellen, D. W. (2018) 'Keeping secrets in the cloud: Mobile phones, data security and privacy within the context of pregnancy and childbirth in Tanzania', *Social Science and Medicine*. Elsevier, 211(June), pp. 190–197. doi: 10.1016/j.socscimed.2018.06.014.

Hatamian, M. *et al.* (2021) *A privacy and security analysis of early-deployed COVID-19 contact tracing Android apps*, *Empirical Software Engineering*. Empirical Software Engineering. doi: 10.1007/s10664-020-09934-4.

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Sandra, Dr. Mardhani Riasetiawan, SE, MT

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Hendricks-Sturrup, R. (2022) 'Pulse Oximeter App Privacy Policies during COVID-19: Scoping Assessment', *JMIR mHealth and uHealth*, 10(1), pp. 1–10. doi: 10.2196/30361.

Huckvale, K., Torous, J. and Larsen, M. E. (2019) 'Assessment of the Data Sharing and Privacy Practices of Smartphone Apps for Depression and Smoking Cessation', *JAMA Network Open*, 2(4), pp. 1–10. doi: 10.1001/jamanetworkopen.2019.2542.

Indonesia Ministry of Health (2022) *Peraturan Menteri Kesehatan Tentang Penyelenggaraan Satu Data Bidang Kesehatan Melalui Sistem Informasi*. Indonesia.

International Organization for Standardization (2011) 'ISO 29100: Information technology — Security techniques — Privacy framework Technologies', pp. 1–22.

ISO/IEC (2019) 'INTERNATIONAL STANDARD ISO / IEC 27701', 2019.

Kapitsaki, G. M. and Ioannou, M. (2019) 'Examining the privacy vulnerability level of android applications', *WEBIST 2019 - Proceedings of the 15th International Conference on Web Information Systems and Technologies*, (Webist), pp. 34–45. doi: 10.5220/0007955100340045.

Kemenkes RI (2014) *Peraturan Menteri Kesehatan Republik Indonesia Nomor 97 Tahun 2014 Tentang Pelayanan kesehatan masa sebelum hamil, masa hamil, persalinan, dan masa sesudah melahirkan, penyelenggaraan pelayanan kontrasepsi, serta pelayanan kesehatan seksual*. Indonesia: Kementerian Kesehatan Republik Indonesia. Available at: http://kesga.kemkes.go.id/images/pedoman/PMK No. 97 ttg Pelayanan Kesehatan Kehamilan.pdf (Accessed: 26 October 2017).

Labrique, A. B. *et al.* (2013) 'Mhealth innovations as health system strengthening tools: 12 common applications and a visual framework', *Global Health Science and Practice*, 1(2), pp. 160–171. doi: 10.9745/GHSP-D-13-00031.

Lamonica, H. M. *et al.* (2021) 'Privacy practices of health information technologies: Privacy policy risk assessment study and proposed guidelines', *Journal of Medical Internet Research*, 23(9). doi: 10.2196/26317.

Laughlin, S. K. L. (1968) 'Westin : Privacy and Freedom', *Michigan Law Review*, 66(5).

Lee, B., Ibrahim, S. A. and Zhang, T. (2021) 'Mobile apps leveraged in the COVID-19 pandemic in east and South-East Asia: Review and content analysis', *JMIR mHealth and uHealth*, 9(11), pp. 1–15. doi: 10.2196/32093.

Levine, D. M. *et al.* (2020) 'Design and testing of a mobile health application rating tool', *npj Digital Medicine*. Springer US, 3(1), pp. 1–8. doi: 10.1038/s41746-020-0268-9.

Mahendra M Reddy, Pruthu Thekkur, Marie Gilbert Majella, K. S. and Jayalakshmy R, S. S. K. (2016) 'Use of Mobile Phone in Healthcare: Readiness among Urban Population of Puducherry, India', *Int J Med. Public Health*, 6(2), pp. 94–97. doi: 10.5530/ijmedph.2016.2.8.

Maple, C., Epiphaniou, G. and Bottarelli, M. (2021) 'Trustworthy digital infrastructure for identity systems: why should privacy matter to security engineers?', *Computer Fraud and Security*. Elsevier Ltd, 2021(6), pp. 6–11. doi: 10.1016/S1361-3723(21)00063-4.

Medhanyie, A. A. *et al.* (2015) 'Mobile health data collection at primary health care in Ethiopia: A feasible challenge', *Journal of Clinical Epidemiology*. Elsevier Inc, 68(1), pp. 80–86. doi: 10.1016/j.jclinepi.2014.09.006.

Mia, M. R. *et al.* (2022) 'A comparative study on HIPAA technical safeguards assessment of android mHealth applications', *Smart Health*. Elsevier Inc.,

26(September), p. 100349. doi: 10.1016/j.smhl.2022.100349.

Minen, M. T. *et al.* (2018) 'Privacy Issues in Smartphone Applications: An Analysis of Headache/Migraine Applications', *Headache*, 58(7), pp. 1014–1027. doi: 10.1111/head.13341.

Morgan, P. L. *et al.* (2022) 'Reducing risk to security and privacy in the selection of trigger-action rules: Implicit vs. explicit priming for domestic smart devices', *International Journal of Human Computer Studies*. Elsevier Ltd, 168(July), p. 102902. doi: 10.1016/j.ijhcs.2022.102902.

National Institute of Standards and Technology (2020) *NIST Privacy Framework, January 16, 2020*. Available at: https://nvlpubs.nist.gov/nistpubs/CSWP/NIST.CSWP.01162020.pdf%0Ahttps://www.nist.gov/privacy-framework.

Ngabo, F. *et al.* (2012) 'Designing and implementing an innovative SMS-based alert system (RapidSMS-MCH) to monitor pregnancy and reduce maternal and child deaths in Rwanda', *Pan African Medical Journal*, 13(June). doi: 10.11604/pamj.2012.13.31.1864.

Ni, Z., Wang, Y. and Qian, Y. (2021) 'Privacy Policy Compliance of Chronic Disease Management Apps in China: Scale Development and Content Evaluation', *JMIR mHealth and uHealth*, 9(1), p. e23409. doi: 10.2196/23409.

O'Loughlin, K. *et al.* (2019) 'Reviewing the data security and privacy policies of mobile apps for depression', *Internet Interventions*. Elsevier, 15(December 2018), pp. 110–115. doi: 10.1016/j.invent.2018.12.001.

Olivia Kim, U. *et al.* (2019) 'Smartphone-based prenatal education for parents with preterm birth risk factors', *Patient Education and Counseling*. Elsevier Ireland Ltd,

102(4), pp. 701–708. doi: 10.1016/j.pec.2018.10.024.

Or, C., Dohan, M. and Tan, J. (2014) 'Understanding Critical Barriers to Implementing a Clinical Information System in a Nursing Home Through the Lens of a Socio-Technical Perspective', *Journal of Medical Systems*. Springer US, 38(9), p. 99. doi: 10.1007/s10916-014-0099-9.

Parker, L. *et al.* (2019) 'How private is your mental health app data? An empirical study of mental health app privacy policies and practices', *International Journal of Law and Psychiatry*. Elsevier, 64(November 2018), pp. 198–204. doi: 10.1016/j.ijlp.2019.04.002.

Pemerintah RI (2022) *Undang-Undang No 27 Tahun 2022 Tentang Pelindungan Data Pribadi*. Indonesia. Available at: https://peraturan.bpk.go.id/Home/Details/229798/uu-no-27-tahun-2022.

Peng, W. *et al.* (2016) 'A qualitative study of user perceptions of mobile health apps', *BMC Public Health*. BMC Public Health, 16(1), pp. 1–11. doi: 10.1186/s12889-016-3808-0.

Prasad, A. *et al.* (2020) 'Analyzing privacy practices of existing mHealth apps', *HEALTHINF 2020 - 13th International Conference on Health Informatics, Proceedings; Part of 13th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2020*, 5(Biostec 2020), pp. 563–570. doi: 10.5220/0009059605630570.

Rizky Anisa, A., Aprila Ipungkarti, A. and Kayla Nur Saffanah, dan (2021) 'Pengaruh Kurangnya Literasi serta Kemampuan dalam Berpikir Kritis yang Masih Rendah dalam Pendidikan di Indonesia', *Conference Series Journal*, 01(01), pp. 1–12.

Robillard, J. M. *et al.* (2019) 'Availability, readability, and content of privacy policies

and terms of agreements of mental health apps', *Internet Interventions*. Elsevier, 17(March), p. 100243. doi: 10.1016/j.invent.2019.100243.

Rosenfeld, L., Torous, J. and Vahia, I. V. (2017) 'Data Security and Privacy in Apps for Dementia: An Analysis of Existing Privacy Policies', *American Journal of Geriatric Psychiatry*. Elsevier Inc., 25(8), pp. 873–877. doi: 10.1016/j.jagp.2017.04.009.

Schueller, S. M., Washburn, J. J. and Price, M. (2016) 'Exploring mental health providers' interest in using web and mobile-based tools in their practices', *Internet Interventions*. The Authors, 4, pp. 145–151. doi: 10.1016/j.invent.2016.06.004.

Shore, J. H. *et al.* (2018) 'Best Practices in Videoconferencing-Based Telemental Health April 2018', *Telemedicine and e-Health*, 24(11), pp. 827–832. doi: 10.1089/tmj.2018.0237.

Singh, S. *et al.* (2023) 'Assessment of App Store Description and Privacy Policy to Explore Ethical and Safety Concerns Associated with the Use of Mental Health Apps for Depression', *Indian Journal of Psychological Medicine*, 45(2), pp. 173–178. doi: 10.1177/02537176221142046.

Soenen, P. and Academy, Q. A. (2019) 'Privacy Information Management with ISO 27701 Overview of the ISO 27701 Who should implement ISO 27701 ? GDPR certification ISO 27701 - an extension to ISO 27001', (May 2018), pp. 1–17.

Sudibyo, A. (2020) 'Perlindungan Data Pengguna Internet: Menelaah GDPR Uni Eropa', *Anggota Dewan Pers*, pp. 174–198. Available at: https://www.dpr.go.id/dokakd/dokumen/K1-RJ-20200701-114454-7688.pdf.

Sunyaev, A. *et al.* (2015) 'Availability and quality of mobile health app privacy policies', *Journal of the American Medical Informatics Association*, 22(e1), pp. e28–

e33. doi: 10.1136/amiajnl-2013-002605.

Tangari, G. *et al.* (2021) 'Mobile health and privacy: Cross sectional study', *The BMJ*, 373. doi: 10.1136/bmj.n1248.

The Eropean Parliament and The Council of The European Union (2016) *Regulation (EU) 2016/679 of the European Parliament and of the Council on the protection of natural persons with regard to the processing of personal data on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulat, Official Journal of the European Union.*

Theodos, K. and Sittig, S. (2021) 'Health Information Privacy Laws in the Digital Age: HIPAA Doesn't Apply', *Perspectives in health information management*, 18(Winter), pp. 1–12.

Thorpe, J. H. and Gray, E. A. (2015) 'Big data and public health: Navigating privacy laws to maximize potential', *Public Health Reports*, 130(2), pp. 171–175. doi: 10.1177/003335491513000211.

Uwambaye, P. *et al.* (2020) 'COVID-19 Pandemic: Adaptation in Antenatal Care for Better Pregnancy Outcomes', *Frontiers in Global Women's Health*, 1(November), pp. 1–7. doi: 10.3389/fgwh.2020.599327.

Wang, N. *et al.* (2019) 'Understanding the use of smartphone apps for health information among pregnant chinese women: Mixed methods study', *JMIR mHealth and uHealth*, 7(6), pp. 1–14. doi: 10.2196/12631.

World Health Organization (2011) *mHealth New Horizons For Health Through Mobile Technologies*. Available at: http://www.who.int/about/ (Accessed: 28 July 2019).

Yadegari, M. and Gharaee, H. (2017) 'A novel network based privacy framework',

Evaluasi aspek keamanan dan privasi pada teks kebijakan aplikasi kehamilan berbasis mobile di Indonesia
Sandra, Dr. Mardhani Riasetiawan, SE, MT

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2016 8th International Symposium on Telecommunications, IST 2016, pp. 117–123. doi: 10.1109/ISTEL.2016.7881794.

Yuanita Dana Santoso, H. *et al.* (2017) 'Android Application Model of "Suami Siaga Plus" as an Innovation in Birth Preparedness and Complication Readiness (BP/CR) Intervention', *Technology in Birth Journal of Family and Reproductive Health*, 11(1). Available at: http://jfrh.tums.ac.ir (Accessed: 10 November 2019).