

REFERENSI

- [1] “Basics of Brain Tumors | Johns Hopkins Medicine.”
<https://www.hopkinsmedicine.org/health/conditions-and-diseases/basics-of-brain-tumors>
(accessed Oct. 19, 2021).
- [2] “Brain Tumor Types | Johns Hopkins Medicine.”
<https://www.hopkinsmedicine.org/health/conditions-and-diseases/brain-tumor/brain-tumor-types> (accessed Oct. 19, 2021).
- [3] E. A. Krupinski, “Current perspectives in medical image perception,” *Attention, Perception, & Psychophysics* 2010 72:5, vol. 72, no. 5, pp. 1205–1217, Jul. 2010, doi: 10.3758/APP.72.5.1205.
- [4] S. Bhattacharya *et al.*, “Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey,” *Sustainable Cities and Society*, vol. 65, p. 102589, Feb. 2021, doi: 10.1016/J.SCS.2020.102589.
- [5] Y. Tian and S. Fu, “A descriptive framework for the field of deep learning applications in medical images,” *Knowledge-Based Systems*, vol. 210, p. 106445, Dec. 2020, doi: 10.1016/J.KNOSYS.2020.106445.
- [6] “MRI Scans: MedlinePlus.” <https://medlineplus.gov/mriscans.html> (accessed Oct. 18, 2021).
- [7] Cancer Support Community, “Frankly Speaking about Cancer: Brain Tumors,” 2013.
- [8] S. Rasheed, K. Rehman, and M. S. H. Akash, “An insight into the risk factors of brain tumors and their therapeutic interventions,” *Biomedicine and Pharmacotherapy*, vol. 143. Elsevier Masson s.r.l., Nov. 01, 2021. doi: 10.1016/j.biopha.2021.112119.
- [9] A. Deshpande, V. v. Estrela, and P. Patavardhan, “The DCT-CNN-ResNet50 architecture to classify brain tumors with super-resolution, convolutional neural network, and the ResNet50,” *Neuroscience Informatics*, vol. 1, no. 4, p. 100013, Dec. 2021, doi: 10.1016/j.neuri.2021.100013.
- [10] L. Ma and F. Zhang, “End-to-end predictive intelligence diagnosis in brain tumor using lightweight neural network,” *Applied Soft Computing*, vol. 111, Nov. 2021, doi: 10.1016/J.ASOC.2021.107666.
- [11] I. Baldi and H. Loiseau, “Epidemiology of Primary Brain Tumors,” *Tumors of the Central Nervous System, Volume 4: Brain Tumors (Part 2)*, pp. 3–13, Jan. 2012, doi: 10.1007/978-94-007-1706-0_1.

- [12] F. Shaikh *et al.*, “Artificial Intelligence-Based Clinical Decision Support Systems Using Advanced Medical Imaging and Radiomics,” *Current Problems in Diagnostic Radiology*, vol. 50, pp. 262–267, 2021, doi: 10.1067/j.cpradiol.2020.05.006.
- [13] “Measures of success of computerized clinical decision support systems: An overview of systematic reviews | Elsevier Enhanced Reader.” <https://reader.elsevier.com/reader/sd/pii/S221188372030126X?token=AF0C992DC0F31D41ADA875EDF1BE0A03612456C58B99047FF92712DF8E17D8F9FD82D5BF7639324D6C68D63E3E673F&originRegion=eu-west-1&originCreation=20211120011203> (accessed Nov. 20, 2021).
- [14] A. Katzmann, O. Taubmann, S. Ahmad, A. Mühlberg, M. Sühling, and H.-M. Groß, “Explaining clinical decision support systems in medical imaging using cycle-consistent activation maximization”, doi: 10.1016/j.neucom.2021.05.081.
- [15] A. W. Kiwelekar, G. S. Mahamunkar, L. D. Netak, and V. B. Nikam, “Deep Learning Techniques for Geospatial Data Analysis,” in *Machine Learning Paradigm vol 18*, Springer, pp. 63–81, 2020, doi: 10.1007/978-3-030-49724-8_3.
- [16] S. Bhattacharya *et al.*, “Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey,” *Sustainable Cities and Society*, vol. 65, p. 102589, Feb. 2021, doi: 10.1016/J.SCS.2020.102589.
- [17] Y. Tian and S. Fu, “A descriptive framework for the field of deep learning applications in medical images,” *Knowledge-Based Systems*, vol. 210, p. 106445, Dec. 2020, doi: 10.1016/J.KNOSYS.2020.106445.
- [18] C. C. Aggarwal, *Neural Networks and Deep Learning*, 1st ed. Springer Cham, 2018, doi: <https://doi.org/10.1007/978-3-319-94463-0>.
- [19] *IEEE Standard Glossary of Software Engineering Terminology*. New York: The Institute of Electrical and Electronics Engineers, 1990.
- [20] R. Pressman and B. Maxim, *Software Engineering*, 8th ed. New York: McGraw-Hill Education, 2015.
- [21] I. Sommerville, *Software engineering*. Pearson, 2011.
- [22] R. Sukanto and M. Shalahuddin, *Rekayasa Perangkat Lunak*, 4th ed. Bandung: Penerbit Informatika, 2016.
- [23] G. D. Everett and Jr. R. McLeod, *Software Testing: Testing Across the Entire Software Development Life Cycle*. Hoboken: Wiley-IEEE Press, 2007.
- [24] “User Centered Design.” <https://www.interaction-design.org/literature/topics/user-centered-design> (accessed Oct. 11, 2021).

- [25] “User-Centered Design Basics.” usability.gov/what-and-why/user-centered-design.html (accessed Oct. 11, 2021).
- [26] “What is User Interface Design? | Interaction Design Foundation (IxDF).” <https://www.interaction-design.org/literature/topics/ui-design> (accessed Oct. 13, 2021).
- [27] J. James. Garrett, *The elements of user experience : user-centered design for the Web and beyond*. New Riders, 2011.
- [28] “The Definition of User Experience (UX).” <https://www.nngroup.com/articles/definition-user-experience/> (accessed Oct. 13, 2021).
- [29] “ISO 9241-210:2019(en), Ergonomics of human-system interaction — Part 210: Human-centred design for interactive systems.” <https://www.iso.org/obp/ui/#iso:std:iso:9241:-210:ed-2:v1:en> (accessed Oct. 13, 2021).
- [30] Z. Sharfina and H. B. Santoso, “An Indonesian adaptation of the System Usability Scale (SUS),” *2016 International Conference on Advanced Computer Science and Information Systems, ICACISIS 2016*, pp. 145–148, Mar. 2017, doi: 10.1109/ICACISIS.2016.7872776.
- [31] V. Siahaan and R. H. Sianipar, *Teori dan Praktek Pemrograman Python*. Yogyakarta: Sparta Publishing, 2019.
- [32] D. Kuhlman, “A Python Book: Beginning Python, Advanced Python, and Python Exercises,” 2009. [Online]. Available: <http://www.davekuhlman.org>
- [33] C. M, “Beginners Guide,” 2019. <https://wiki.python.org/moin/BeginnersGuide/Overview> (accessed Oct. 12, 2021).
- [34] W. Joshua, “About PyQt,” Aug. 18, 2021. <https://wiki.python.org/moin/PyQt> (accessed Oct. 12, 2021).
- [35] “What is PyQt?” <https://riverbankcomputing.com/software/pyqt/intro> (accessed Oct. 12, 2021).
- [36] V. Siahaan and R. H. Sianipar, *PEMROGRAMAN GUI PYTHON DAN DATABASE: Widget PyQt, SQLite, MySQL, dan Grafika*. Yogyakarta: Sparta Publishing, 2019.
- [37] B. M. Harwani, *Qt5 Python GUI Programming Cookbook*. Packt Publishing, 2018.
- [38] J. M. Willman, *Beginning PyQt*. Apress, 2020.
- [39] “Qt Designer Manual.” <https://doc.qt.io/qt-5/qt designer-manual.html> (accessed Oct. 12, 2021).
- [40] “What is an Application Programming Interface (API) | IBM.” <https://www.ibm.com/cloud/learn/api> (accessed Jan. 20, 2022).
- [41] “Lebih Mudah Mengembangkan Aplikasi dengan Application Programming Interface (API) Jakarta | Blog | Portal Jakarta Smart City.”

- <https://smartcity.jakarta.go.id/index.php/blog/342/lebih-mudah-mengembangkan-aplikasi-dengan-application-programming-interface-api-jakarta> (accessed Jan. 20, 2022).
- [42] S. Nidhra, “Black Box and White Box Testing Techniques - A Literature Review,” *International Journal of Embedded Systems and Applications*, vol. 2, no. 2, pp. 29–50, Jun. 2012, doi: 10.5121/ijesa.2012.2204.
 - [43] L. Souza-Pereira, S. Ouhbi, and N. Pombo, “Quality-in-use characteristics for clinical decision support system assessment,” *Computer Methods and Programs in Biomedicine*, vol. 207, p. 106169, Aug. 2021, doi: 10.1016/J.CMPB.2021.106169.
 - [44] L. Souza-Pereira, S. Ouhbi, and N. Pombo, “A process model for quality in use evaluation of clinical decision support systems,” *Journal of Biomedical Informatics*, vol. 123, p. 103917, Nov. 2021, doi: 10.1016/J.JBI.2021.103917.
 - [45] T. Thesing, C. Feldmann, and M. Burchardt, “Agile versus Waterfall Project Management: Decision model for selecting the appropriate approach to a project,” in *Procedia Computer Science*, 2021, vol. 181, pp. 746–756. doi: 10.1016/j.procs.2021.01.227.
 - [46] M. Nazir, S. Shakil, and K. Khurshid, “Role of deep learning in brain tumor detection and classification (2015 to 2020): A review,” *Computerized Medical Imaging and Graphics*, vol. 91, Jul. 2021, doi: 10.1016/j.compmedimag.2021.101940.
 - [47] D. B. Santoso and A. E. Pramono, *Teknologi Kesehatan Informasi II: Aplikasi Perangkat Lunak di Sarana YANKES*. Badan Pengembangan dan Pemberdayaan Sumber Daya Manusia Kesehatan, 2018.