
REFERENCES

99.co.id (2016) *99.co*. Available at: <https://www.99.co/id>.

Acclime (2021) *New Regulations Aim to Ease FDI in Indonesia*, *Acclime Indonesia*. Available at: <https://indonesia.acclime.com/news/easing-fdi/>.

Alesheikh, A. *et al.* (2022) 'Web GIS: Technologies and its applications'.

AntaraneWS (2022) *Industri properti di Indonesia alami peningkatan selama 2022*, *Antara News*. Available at: <https://www.antaraneWS.com/berita/3259825/industri-properti-di-indonesia-alami-peningkatan-selama-2022> (Accessed: 9 June 2023).

BI (2023) *Survei Harga Properti Residensial Triwulan IV 2022*. Available at: https://www.bi.go.id/id/publikasi/ruang-media/news-release/Pages/sp_253923.aspx.

BPK RI (2022) *PP No. 31 Tahun 2022 tentang Kepemilikan Modal Asing pada Perusahaan Efek [JDIH BPK RI]*. Available at: <https://peraturan.bpk.go.id/Home/Details/225498/pp-no-31-tahun-2022> (Accessed: 9 June 2023).

Coast, S. (2011) *Logos - OpenStreetMap Wiki*, *Logos - OpenStreetMap Wiki*. Available at: <https://wiki.openstreetmap.org/wiki/Logos>.

Cristian, O. (2022) 'Fitur Aplikasi Pinhome', *Pinhome*, 21 December. Available at: <https://www.pinhome.id/blog/fitur-aplikasi/>.

DataIndustri (2023) 'Data Pertumbuhan Industri Properti di Indonesia, 2011 - 2023'. Available at: <https://www.dataindustri.com/produk/tren-data-pertumbuhan-industri-real-estate-properti/>.

DEPHUB (2022) *Bandara Baru Kediri : Proyek Pertama Bandara dengan Pembiayaan Swasta Murni Ditandatangani Kementerian Perhubungan Republik Indonesia*. Available at: <https://dephub.go.id/post/read/bandara-baru-kediri---proyek-pertama-bandara-dengan-pembiayaan-swasta-murni-ditandatangani>.

Design Thinking (2023) *The Interaction Design Foundation*. Available at: <https://www.interaction-design.org/literature/topics/design-thinking> (Accessed: 5 January 2023).

Ding, Y. (2020) *How to Create an Effective Technical Architectural Diagram?*, *Alibaba Cloud Community*. Available at: https://www.alibabacloud.com/blog/how-to-create-an-effective-technical-architectural-diagram_596100.

Dym, C. *et al.* (2005) 'Engineering Design Thinking, Teaching, and Learning', *Journal of Engineering Education - Washington-*, 94, pp. 103–120. Available at: <https://doi.org/10.1002/j.2168-9830.2005.tb00832.x>.

ekon (2022) *Pemerintah Dukung Pengembangan Sektor Properti untuk Penyediaan Hunian yang Layak bagi Masyarakat - Kementerian Koordinator Bidang*

Perekonomian Republik Indonesia. Available at:
<https://www.ekon.go.id/publikasi/detail/3753/pemerintah-dukung-pengembangan-sektor-properti-untuk-penyediaan-hunian-yang-layak-bagi-masyarakat>.

Figma (2023) *Figma, Figma: the collaborative interface design tool*. Available at:
<https://www.figma.com/>.

Gao, G. *et al.* (2022) 'Location-Centered House Price Prediction: A Multi-Task Learning Approach', *ACM Transactions on Intelligent Systems and Technology*, 13(2), p. 32:1-32:25. Available at: <https://doi.org/10.1145/3501806>.

Google (2023) *About – Google Maps*. Available at:
<https://www.google.com/maps/about/#/>.

Grand Review Research (2014) *Geographic Information System Market Size | GIS Industry Report, 2025*. Available at: <https://www.grandviewresearch.com/industry-analysis/geographic-information-systems-market> (Accessed: 20 January 2023).

Holdi, A., Irwansyah, M.A. and Novriando, H. (2021) 'Aplikasi WebGis Fasilitas Umum Menggunakan Library Leaflet dan OpenStreetMap', *Jurnal Sistem dan Teknologi Informasi (Justin)*, 9(3), p. 334. Available at:
<https://doi.org/10.26418/justin.v9i3.44442>.

IBM (2021) *IBM Documentation | Use Case Diagram*. Available at:
<https://www.ibm.com/docs/en/rational-soft-arch/9.6.1?topic=diagrams-use-case>.

IndustriKontan (2023) *Sektor Properti Diperkirakan Tumbuh Tahun 2023, Pengembang Mulai Rilis Produk-produk*. Available at:
<https://industri.kontan.co.id/news/sektor-properti-diperkirakan-tumbuh-tahun-2023-pengembang-mulai-rilis-produk-produk>.

InteractionDesign (2022) *What is Design Thinking?, The Interaction Design Foundation*. Available at: <https://www.interaction-design.org/literature/topics/design-thinking> (Accessed: 13 December 2022).

Investopedia (2023) *Unit Investment Trust (UIT): Definition and How to Invest, Investopedia*. Available at: <https://www.investopedia.com/terms/u/uit.asp>.

jendela360 (2015) *Jendela360: Situs Sewa Apartemen #1 di Indonesia, Jendela360*. Available at: <https://jendela360.com>.

KOMINFO, P. (2019) *Dorong Investasi Sektor Properti, Pemerintah Keluarkan Paket Kebijakan, Website Resmi Kementerian Komunikasi dan Informatika RI*. Available at: <http://content/detail/19432/dorong-investasi-sektor-properti-pemerintah-keluarkan-paket-kebijakan/0/berita>.

Lamudi (2013) *Lamudi, Rumah Dijual, Sewa Apartemen, Jual Tanah Lamudi Indonesia*. Available at: <https://www.lamudi.co.id/>.

Lamudi App (2023) *Lamudi App, Rumah Dijual, Sewa Apartemen, Jual Tanah Lamudi Indonesia*. Available at: <https://www.lamudi.co.id/>.

Li, M. *et al.* (2018) 'HomeSeeker: A visual analytics system of real estate data', *Journal of Visual Languages & Computing*, 45, pp. 1–16. Available at: <https://doi.org/10.1016/j.jvlc.2018.02.001>.

Lü, G. *et al.* (2019) 'Reflections and speculations on the progress in Geographic Information Systems (GIS): a geographic perspective', *International Journal of Geographical Information Science*, 33(2), pp. 346–367. Available at: <https://doi.org/10.1080/13658816.2018.1533136>.

Lucidchart (2021) *How to Draw 5 Types of Architectural Diagrams*, Lucidchart. Available at: <https://www.lucidchart.com/blog/how-to-draw-architectural-diagrams>.

Malczewski, J. (2006) 'GIS-based multicriteria decision analysis: a survey of the literature', *International Journal of Geographical Information Science*, 20(7), pp. 703–726. Available at: <https://doi.org/10.1080/13658810600661508>.

Martha, I.Y. (2022) 'Apa itu 99.co Indonesia?', 26 October. Available at: <https://www.99.co/id/panduan/apa-itu-99-co-indonesia/>.

McNamee, A. (2021) 'What Is GIS and How Can It Benefit My Project? | Carroll Engineering', *Carroll*, 2 April. Available at: <https://carrollengineering.com/what-is-gis-and-how-can-it-benefit-my-project/> (Accessed: 5 January 2023).

Microsoft Access (2021) 'Microsoft Access', *Wikipedia bahasa Indonesia, ensiklopedia bebas*. Available at: https://id.wikipedia.org/w/index.php?title=Microsoft_Access&oldid=18635562.

Microsoft Excel (2023) *Microsoft Excel Spreadsheet Software | Microsoft 365*. Available at: <https://www.microsoft.com/en-us/microsoft-365/excel> (Accessed: 9 June 2023).

MordorIntelligence (2023) *Indonesia Residential Real Estate Market Size & Share Analysis - Industry Research Report - Growth Trends*. Available at: <https://www.mordorintelligence.com/industry-reports/residential-real-estate-market-in-indonesia>.

Nulab (2023) *Architecture diagram*, Nulab. Available at: <https://nulab.com/learn/software-development/what-is-an-architecture-diagram-and-why-do-you-need-one/>.

OLX (2014) *OLX*. Available at: <https://www.olx.co.id/> (Accessed: 11 June 2023).

OLX Feature (2023) *OLX Premium Features, Pusat Bantuan*. Available at: <https://help.olx.co.id/hc/id/articles/360035417291-Harga-Paket-Fitur-Highlight>.

OpenStreetMap (2023) 'OpenStreetMap (OSM)', *Tentang OpenStreetMap (OSM) – Perkumpulan OpenStreetMap Indonesia*. Available at: <https://openstreetmap.or.id/tentang-openstreetmap/> (Accessed: 20 February 2023).

OSM (2023) 'Tentang OpenStreetMap (OSM) – Perkumpulan OpenStreetMap Indonesia'. Available at: <https://openstreetmap.or.id/tentang-openstreetmap/>.

Pearce, E.B. (2020) 'Theoretical Perspectives and Key Concepts'. Available at: <https://openregon.pressbooks.pub/families/chapter/theoretical-perspectives-and-key-concepts/> (Accessed: 19 June 2023).

Pinhome (2019) *Pinhome, Jalan Menuju Rumah Idaman - Pinhome*. Available at: <https://www.pinhome.id/pages/mobile-app/>.

Prag, J., Andersson, R. and Hamamoto, C. (2017) *Figma, Figma*. Available at: <https://www.figma.com/community/file/930374612850356203>.

realtor (2017) *Real Estate in a Digital Age*, www.nar.realtor. Available at: <https://www.nar.realtor/research-and-statistics/research-reports/real-estate-in-a-digital-age> (Accessed: 13 December 2022).

rightmove (2000) *Rightmove - UK's number one property website for properties for sale and to rent*. Available at: <https://www.rightmove.co.uk/> (Accessed: 18 June 2023).

rumah (2007) *Situs Jual Beli Properti, Rumah, Apartemen & Tanah di Indonesia | Rumah.com*. Available at: <https://www.rumah.com>.

rumah123 (2007) *Rumah123.com, Rumah123*. Available at: <https://www.rumah123.com/>.

Rumah123 (2023) *Berita Properti | Rumah123.com*. Available at: <https://artikel.rumah123.com/>.

Rumah.com (2023) *Bisnis Properti Asia Tenggara Bagus Hingga 10 Tahun Ke Depan, Terlebih Vietnam dan Indonesia*. Available at: <https://www.rumah.com/berita-properti/2023/5/208731/bisnis-properti-asia-tenggara-bagus-hingga-10-tahun-ke-depan-terlebih-vietnam-dan-indonesia>.

rumahku (2010) *Rumahku, Tentang Rumahku*. Available at: <https://www.rumahku.com/about/>.

Rumahku (2023) *Rumahku.com - Artikel, Rumahku.com - Artikel*. Available at: <https://www.rumahku.com/artikel/> (Accessed: 14 June 2023).

Serrat, O. (2010) 'Design Thinking'.

Sharma, A. and Rout, C. (2013) 'Potential Role of Geographic Information Systems in Real Estate Industry-An Overview', in. *2 nd International Conference on Evolution*

in Science & Technology & Eyne on Educational Methodologies March 3-4, 2013 ESTEEM-2013, PPIMT, HISAR (INDIA).

Silva, R.A. *et al.* (2019) ‘Visual analytics for spatiotemporal events’, *Multimedia Tools and Applications*, 78(23), pp. 32805–32847. Available at: <https://doi.org/10.1007/s11042-019-08012-2>.

Singh, S., Rohilla, N. and Kumar, A. (2021) ‘Big Data Analytics in Residential Property Buying Decisions in India’, 21, pp. 52–64.

Smartdraw (2023) *Entity Relationship Diagram (ERD), Entity Relationship Diagram (ERD) - What is Entity Relationship Diagram (ERD)?* Available at: <https://www.smartdraw.com/entity-relationship-diagram/>.

SoftwareTestingHelp (2023) *What is User Acceptance Testing (UAT): A Complete Guide.* Available at: <https://www.softwaretestinghelp.com/what-is-user-acceptance-testing-uat/>.

StanfordEdu (2023) *User Acceptance Testing | University IT.* Available at: <https://uit.stanford.edu/pmo/UAT>.

Statista (2023) *Topic: Real estate in Indonesia, Statista.* Available at: <https://www.statista.com/topics/8596/real-estate-in-indonesia/> (Accessed: 9 June 2023).

SystemArchitecture (2023) ‘Systems architecture’, *Wikipedia.* Available at: https://en.wikipedia.org/w/index.php?title=Systems_architecture&oldid=1146581548 (Accessed: 14 June 2023).

TheIconomics (2022) ‘Rumah.com: Indeks Harga Properti Kuartal III Naik’, *Iconomics*, 17 August. Available at: <https://www.theiconomics.com/art-of-execution/rumah-com-indeks-harga-properti-kuartal-iii-naik/>.

trovit (2006) *Trovit, Sewa dan jual properti - Trovit.* Available at: <https://rumah.trovit.co.id>.

Use Case Diagram (2023) ‘Use case diagram’, *Wikipedia.* Available at: https://en.wikipedia.org/w/index.php?title=Use_case_diagram&oldid=1134496938.

USJLL (2022) *Global Real Estate Transparency Index 2022.* Available at: <https://www.us.jll.com/en/trends-and-insights/research/global-real-estate-transparency-index> (Accessed: 13 December 2022).

VisualParadigm (2023a) *Entity Relationship Diagram, What is Entity Relationship Diagram (ERD)?* Available at: <https://www.visual-paradigm.com/guide/data-modeling/what-is-entity-relationship-diagram/> (Accessed: 14 June 2023).

VisualParadigm (2023b) *Use Case Diagram.* Available at: <https://www.visual-paradigm.com/guide/uml-unified-modeling-language/what-is-use-case-diagram/>.

Wang, S. and Wang, H. (2011) 'Teaching Design Thinking Through Case Analysis: Joint Analytical Process*', *Decision Sciences Journal of Innovative Education*, 9, pp. 113–118. Available at: <https://doi.org/10.1111/j.1540-4609.2010.00295.x>.

Yomralioglu, T. (1993) 'A Nominal Asset Value-Based Approach for Land Readjustment and Its Implementation Using Geographical Information Systems.', p. 276.

Yue, P. and Jiang, L. (2014) 'BigGIS: How big data can shape next-generation GIS', *2014 The 3rd International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2014* [Preprint]. Available at: <https://doi.org/10.1109/Agro-Geoinformatics.2014.6910649>.

Zhao, Y. (2015) 'Towards innovative system development: A joint method of design thinking and systems thinking', *INCOSE International Symposium*, 25, pp. 1427–1437. Available at: <https://doi.org/10.1002/j.2334-5837.2015.00140.x>.



CURRICULUM VITAE



Ni Luh Putu Diva Arya Putri

College Student

Profile

A motivated college student with a strong desire to acquire and enhance new skills. Possesses a moderate level of experience in creative design concepts, web development, and collaborating effectively within teams.

Education

High School Diploma, Taman Rama High School Denpasar Bali, Denpasar

July 2016 — May 2019

Taman Rama High School, Denpasar, Indonesia

- as head of the 12th grade MIPA 1 Taman Rama High School Denpasar
- Member of the music club.
- Member of tennis clubs.

Bachelor, Swiss German University, Tangerang

August 2019 — Present

Employment History

Student Internship at The headquarters of the Directorate General for Taxation – Directorate of Technology and Information, Jakarta

October 2020 — February 2021

The headquarters of the Directorate General for Taxation – Directorate of Technology and Information

- Project management steps at the Directorate General for Taxation.
- Project charter for project management

Internship at SSOF FSS Division Internship at PT. Telkom Indonesia Bandung, Bandung

February 2022 — May 2022

SSOF FSS Division Internship at PT. Telkom Indonesia Bandung

- Completed an individual project focused on designing an IT Project Management system.
- Utilized Figma to create a comprehensive design with an Entity Relationship Diagram (ERD).

Internship at IT Division Internship at PT. Telkom Indonesia Jakarta, Jakarta

May 2022 — August 2022

IT Division Internship at PT. Telkom Indonesia Jakarta

Details

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Date / Place of birth

13 June 2001

Denpasar

Nationality

Indonesian

Links

[Linkedin](#)

Skills

[Creative Problem Solving](#)

[Teamwork](#)

[Leadership](#)

[Adaptability](#)

[Project Management](#)

[Figma](#)

[Microsoft Access](#)

[Microsoft Excel](#)

[C++](#)

[Java Programming](#)

[HTML](#)

[CSS](#)

[Javascript](#)

[Flutter](#)

[Database: MySQL, Postman, MongoDB, Postgresql](#)

- Worked in the Project Management Office (PMO) section, gaining insights into Telkom's project monitoring and control process.
- Private mentorship in one-on-one Zoom meetings to delve deeper into Project Management (PM) concepts and enhance understanding of various aspects of PM.
- Learned about contract discussion, project proposals, knowledge transfer to application use, and application testing.
- Participated in online Zoom meetings to observe project trials and coordination.

★ Organizational

Committee of Online Competition LOGIKAIN 2020 Thinkable Edition

2020

I was one of the committees in the publication division. The division was formed to promote the competition to students, especially high school students through social media, the campus web, and also advertisements. My job in this division is to control Instagram accounts during the competition activities, make designs or photos that will be posted on Instagram, and also make poster designs.

Vice Chairman of the Committee BINTANG GEMILANG 2021

2021

I was the vice chairman of the project BINTANG GEMILANG 2021. As a vice chairman of the project, I am responsible for managing various matters and expediting the activities of the sections, as well as carrying out the duties of the chairman in the absence of the chairman. I made a Gann Chart with a priority scale as a guide for the committee in carrying out their respective duties and also making sure that each section is progressing every week.

Node.js

PHP

Languages

Indonesia

English

German

Hobbies

Music (Guitar and Piano),
Sports (Badminton, Tennis,
Basketball, Cycling, and
Swimming)