REFERENCES

- A. Robb, C., & S. Woodyard, A. (2011). Financial Knowledge And Best Practice Behavior. *Journal of Financial Counseling and Planning*, 22(1), 60–70. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2061308
- Ajzen, I. (1991). Reporting Behaviour of People with Disabilities in relation to the Lack of Accessibility on Government Websites: Analysis in the light of the Theory of Planned Behaviour. Organizational Behavior and Human Decision Processes, 50, 179–211. https://doi.org/10.47985/dcidj.475
- Alalwan, A. A., Dwivedi, Y. K., & Rana, N. P. (2017). Factors influencing adoption of mobile banking by Jordanian bank customers: Extending UTAUT2 with trust. *International Journal of Information Management*, 37(3), 99–110. https://doi.org/10.1016/j.jjinfomgt.2017.01.002
- Alalwan, A. A., Dwivedi, Y. K., & Simintiras, A. C. (2016). Influence of Perceived Usefulness, Trust and Self-Efficacy on Consumers ' Adoption of Telebanking : Insights from Jordan Introduction. *International Journal of Bank Marketing*, 34(5).
- Ali, M., Raza, S. A., & Puah, C. (2021). How perceived risk, benefit and trust determine user Fintech adoption : a new dimension for Islamic finance How Perceived Risk, Benefit and Trust Determine User Fintech Adoption : A New Dimension for Islamic Finance (Issue April). https://doi.org/10.1108/FS-09-2020-0095
- Anifa, M., Ramakrishnan, S., Joghee, S., Kabiraj, S., & Bishnoi, M. M. (2022). Fintech Innovations in the Financial Service Industry. *Journal of Risk and Financial Management*, 15(7). https://doi.org/10.3390/jrfm15070287
- Bonett, D. G., & Wright, T. A. (2015). Cronbach's alpha reliability: Interval estimation, hypothesis testing, and sample size planning. *Journal of Organizational Behavior*, *36*(1), 3–15. https://doi.org/10.1002/job.1960
- Cheah, C.-M., Oon, K. H., Jia, S. J., & Tan, B. I. (2011). Factors Affecting Malaysian Mobile Banking Adoption: An Empirical Analysis. *International Journal of Network and Mobile Technologies*, 2(Issue 3).
- Chicco, D., Warrens, M. J., & Jurman, G. (2021). The coefficient of determination R-squared is more informative than SMAPE, MAE, MAPE, MSE and RMSE in regression analysis evaluation. *PeerJ Computer Science*, 7, 1–24. https://doi.org/10.7717/PEERJ-CS.623
- Chung, D., Jeong, P., Kwon, D., & Han, H. (2023). Technology acceptance prediction of roboadvisors by machine learning. *Intelligent Systems with Applications*, 18(January), 200197. https://doi.org/10.1016/j.iswa.2023.200197
- Cooper, D. R., & Schindler, P. S. (2014). Bussiness Research Method (12th ed.). McGraw-Hill.
- Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly: Management Information Systems*, 13(3), 319–339. https://doi.org/10.2307/249008
- Davradakis, E., & Santos, R. (2019). *Blockchain*, *FinTechs and* (2019/01). https://doi.org/https://doi.org/10.2867/11329
- Dempster, A. P. (1971). An overview of multivariate data analysis. *Journal of Multivariate Analysis*, 1(3), 316–346. https://doi.org/10.1016/0047-259X(71)90006-6
- Dinh, M. T. P. (2022). Financial Literacy and Fintech Adoption Among the Young. April.
- Gao, F., Liang, J., Sun, X., & Zhao, X. (2017). Determinants of robo-advisory adoption: An

empirical analysis. Journal of Business Research, 1-10.

- Ghozali, I. (2018). *Aplikasi analisis multivariate dengan program IBM SPSS 25* (9th ed.). Universitas Diponegoro.
- Gomber, P., Kauffman, R. J., Parker, C., & Weber, B. W. (2018). On the Fintech Revolution: Interpreting the Forces of Innovation, Disruption, and Transformation in Financial Services. *Journal of Management Information Systems*, 35(1), 220–265. https://doi.org/10.1080/07421222.2018.1440766
- Hair, J. F., Hult, G. T. M., Ringle, C. M., & Sarstedt, M. (2022). A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM). In *International Journal of Research & Method in Education* (Vol. 38, Issue 2). SAGE Publications. https://doi.org/10.1007/978-3-030-80519-7
- Hair, J. F., Sarstedt, M., & Ringle, C. M. (2017). *Partial Least Squares Structural Equation Modeling* (Issue September). https://doi.org/10.1007/978-3-319-05542-8
- Hasan, R., Ashfaq, M., & Shao, L. (2021). Evaluating Drivers of Fintech Adoption in the Netherlands. *Global Business Review*. https://doi.org/10.1177/09721509211027402
- Hau Nguyen, V., Thu Cuc Nguyen, T., Thu Nguyen, V., & Tai, D. Do. (2021). Internal Factors Affecting Firm Performance: A Case Study in Vietnam. *The Journal of Asian Finance, Economics and Business*, 8(5), 303–314. https://doi.org/10.13106/jafeb.2021.vol8.no5.0303
- Henseler, J., Ringle, C. M., & Sarstedt, M. (2015). A new criterion for assessing discriminant validity in variance-based structural equation modeling. 115–135. https://doi.org/10.1007/s11747-014-0403-8
- Hill, R. J., Fishbein, M., & Ajzen, I. (1975). Belief, Attitude, Intention and Behavior: An Introduction to Theory and Research. *Contemporary Sociology*, 6(2), 244. https://doi.org/10.2307/2065853
- Himel, M. T. A., Ashraf, S., Bappy, T. A., Abir, M. T., Morshed, M. K., & Hossain, M. N. (2021). Users' attitude and intention to use mobile financial services in Bangladesh: an empirical study. *South Asian Journal of Marketing*, 2(1), 72–96. https://doi.org/10.1108/sajm-02-2021-0015
- Hu, Z., Ding, S., Li, S., Chen, L., & Yang, S. (2019). Adoption intention of fintech services for bank users: An empirical examination with an extended technology acceptance model. *Symmetry*, 11(3). https://doi.org/10.3390/sym11030340
- Kakinuma, Y. (2022). Financial literacy and quality of life: a moderated mediation approach of fintech adoption and leisure. *International Journal of Social Economics*, 49(12), 1713–1726.
- Kumar, S., Singh, S. K., & Mishra, P. (2013). Multivariate analysis : An overview. 2(3).
- Luo, S., Sun, Y., & Zhou, R. (2022). Can fintech innovation promote household consumption? Evidence from China family panel studies. *International Review of Financial Analysis*, 82(October 2021), 102137. https://doi.org/10.1016/j.irfa.2022.102137
- Mahdi, M. I. (2022). *Berapa Jumlah UMKM di Indonesia?* DataIndonesia.Id. https://dataindonesia.id/industri-perdagangan/detail/berapa-jumlah-umkm-di-indonesia
- Mahmud, K., Joarder, M. M. A., & Muheymin-Us-Sakib, K. (2022). Adoption Factors of FinTech: Evidence from an Emerging Economy Country-Wide Representative Sample. *International Journal of Financial Studies*, 11(1), 9. https://doi.org/10.3390/ijfs11010009
- Marikyan, D., & Papagiannidis, S. (2022). Technology Acceptance Model: A review. *TheoryHub Book*, 306–308. https://doi.org/10.4018/978-1-59140-792-8.ch038
- Maulana, Y., & Wiharno, H. (2022). Fintech P2P Lending dan Pengaruhnya Terhadap

Pertumbuhan Ekonomi Indonesia. *Indonesian Journal of Strategic Management*, 5(1). https://doi.org/10.25134/ijsm.v5i1.5741

- Moon, J. W., & Kim, Y. G. (2001). Extending the TAM for a World-Wide-Web context. *Information and Management*, 38(4), 217–230. https://doi.org/10.1016/S0378-7206(00)00061-6
- Nugraha, D. P., Setiawan, B., Nathan, R. J., & Fekete-Farkas, M. (2022). Fintech Adoption Drivers for Innovation for SMEs in Indonesia. *Journal of Open Innovation: Technology*, *Market, and Complexity*, 8(4). https://doi.org/10.3390/joitmc8040208
- Prastiawan, D. I., Aisjah, S., & Rofiaty, R. (2021). The Effect of Perceived Usefulness, Perceived Ease of Use, and Social Influence on the Use of Mobile Banking through the Mediation of Attitude Toward Use. Asia Pacific Management and Business Application, 009(03), 243–260. https://doi.org/10.21776/ub.apmba.2021.009.03.4
- Pratiwi, R. E., & Saefullah, K. (2022). The Use of Payment Technology Through Financial Literacy. *Journal of Digital Innovation Studies*, 1(1), 42–51. https://doi.org/10.24198/digits.v1i1.38516
- Raza, S. A., Umer, A., & Shah, N. (2017). New determinants of ease of use and perceived usefulness for mobile banking adoption. *International Journal of Electronic Customer Relationship Management*, 11(1), 44. https://doi.org/10.1504/ijecrm.2017.10007744
- Saparudin, M., Indra, B., Sutia, S., Rahardjo, B., & Adha, S. (2022). *An empirical investigation* of mobile banking adoption in Jakarta : Theory Acceptance Model.
- Sedgwick, P. (2014). Unit of observation versus unit of analysis. *BMJ (Online)*, 348(January). https://doi.org/10.1136/bmj.g3840
- Sekaran, U., & Bougie, R. (2020). *Research Methods For Business: A Skill Building Approach* (8th ed (As). John Wiley & Sons.
- Setiawan, B., Nathan, R. J., Irawan, A., & Zoltan, Z. (2021). User innovativeness and fintech adoption in indonesia. *Journal of Open Innovation: Technology, Market, and Complexity*, 7(3). https://doi.org/10.3390/joitmc7030188
- Singh, S., Sahni, M. M., & Kovid, R. K. (2020). What drives FinTech adoption? A multi-method evaluation using an adapted technology acceptance model. *Management Decision*, 58(8), 1675–1697. https://doi.org/10.1108/MD-09-2019-1318
- Supartoyo, Y. H. (2022). Advancing Financial Inclusion Through Fintech to Drive the Development of A Digital Society. ... on Education Innovation and Social Science, 221– 228.
- Sürücü, L., & Maslakci, A. (2020). Validity and Reliability in Quantitative Research. Business & Management Studies: An International Journal, 8(3), 2694–2726. https://doi.org/10.15295/bmij.v8i3.1540
- Syah, T. Y. R. (2013). Perbedaan Pengaruh Citra Merek Dan Reputasi Perusahaan Terhadap Kualitas Produk, Nilai Pelanggan Dan Loyalitas Pelanggan Di Pasar Bisnis. Jurnal Ekonomi, 4 (2)(November), 209–226.
- Taherdoost, H. (2018). Validity and Reliability of the Research Instrument; How to Test the Validation of a Questionnaire/Survey in a Research. SSRN Electronic Journal, January 2016. https://doi.org/10.2139/ssrn.3205040
- Thathsarani, U. S., & Jianguo, W. (2022). Do Digital Finance and the Technology Acceptance Model Strengthen Financial Inclusion and SME Performance? *Information (Switzerland)*, 13(8). https://doi.org/10.3390/info13080390
- Venkatesh, V., & Davis, F. D. (2000). A Theoretical Extension of the Technology Acceptance

Model : Four Longitudinal A Theoretical Extension of the Technology Acceptance Model : Four Longitudinal Field Studies. *Management Science*, *46*(2), 186–204. https://doi.org/10.1287/mnsc.46.2.186.11926

- Venkatesh, V., Morris, M. G., Davis, G. B., & Davis, F. D. (2003). Unusual formations of superoxo heptaoxomolybdates from peroxo molybdates. *MIS Quarterly: Management Information Systems*.
- Venkatesh, V., Thong, J. y. ., & Xu, X. (2012). Consumer Acceptance and Use of Information Technology: Extending the Unified Theory of Acceptance and Use of Technology by Viswanath Venkatesh, James Y.L. Thong, Xin Xu :: SSRN. *MIS Quarterly*, 36(1), 157–178. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2002388
- Wilkinson, D., & Birmingham, P. (2003). Using Research Instrument: A Guide For Researchers. RoutledgeFalmer. https://www.ptonline.com/articles/how-to-get-better-mfi-results
- Yang, K. C. C. (2005). Exploring factors affecting the adoption of mobile commerce in Singapore. *Telematics and Informatics*, 22(3), 257–277. https://doi.org/10.1016/j.tele.2004.11.003
- Yi, T. Z., Ashikin, N., Rom, M., Hassan, N., Samsurijan, M. S., & Ebekozien, A. (2023). *The Adoption of Robo-Advisory among Millennials in the 21st Century : Trust , Usability and*

Knowledge Perception.

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APPENDIX

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Appendix 1

Questionnaires: Developed in this study

Respondent Profile

Cross (X) or circle your answer

	Name	:						
	Domicile	:	Tangerang City Tangerang Regency	(R)				
			South Tangerang City	\smile				
	Gender	: /	Male Female					
	Age	:	years					
	Education	:	High School D3 (Diploma) S1 (Sarjana)					
	Type of Business Owned	:						
	Sales per Month	:	Below 25Mio 25Mio to 200Mio					
			Above 200Mio					
	Length of Business Established	:	years					
	FinTech Usage per Month	:	times					
C	Type of FinTech product used (Ans	swer can	be more than 1 product)					
D	1. Peer to Peer Lending (Pinja	man On	line)					
	2. Mobile Banking (BCA Mobile, Livin' by Mandiri, OCTO mobile, dll)							
	3. Digital Wallet or Mobile Payment (OVO, GOpay, Dana, dll)							
	4. Aggregator (Cermati, Bareksa, Bibit, dll)							
	5. Equity Crowdfunding (Crowdana, FundEx, Landx, dll)							
	6. Other,							

Put a CROSS (X) or TICK (\checkmark)

Perceived Usefulness

Perceived Usefulness is defined as a person's subjective view of the ability of a particular application, system or						
technology to improve its performance and influence the completion of	of its task oi Very				Very	
	Disagree	Disagree	Neutral	Agree	Agree	
By using FinTech, I can meet the needs of financial services for my						
business.						
With FinTech, I could save time in running my business.						
With FinTech, my business can operate more efficiently.						
FinTech can help run my business.					\sim	
Perceived Ease of Use					(\mathbf{P})	
Perceived Ease of Use is defined as the degree to which a person beli	eves that us	ing a tecl	hnology	will be fr	ee from	
effort/difficulty. The perception of ease of use is based on the extent to		•	0.			
to be used free from difficulties.	1		1		5	
	Very Disagree	Disagree	Neutral	Agree	Very Agree	
The user interface of Fintech is friendly and understandable.						
User interface is a form of graphical display that is directly related to						
the user. The user interface serves to connect between the user and						
he operating system, so that the computer can be used.						
I find it easy to get FinTech services to do what my company needs						
to do in daily financial transactions.						
It is easy to learn how to use FinTech services.						
It is easy to have the device to use Fintech services.						

It is easy to have the device to use Fintech services.

Attitudes

Attitudes is a feeling towards a particular object that tends to be accompanied by action in accordance with the attitude towards that object which in this case is towards FinTech.

	Very Disagree	Disagree	Neutral	Agree	Very Agree
I feel that using FinTech services for the benefit of my business is a					
good idea.					
I feel interested in learning more about FinTech services for the					
benefit of my business.					
When I hear about a new product, I look for ways to take advantage					
of it.					
I am confident to use fintech services to support my business.					

FinTech Adoption

FinTech adoption is a process that leverages the availability of communication, makes financial transactions easy and secure, the ubiquitous presence of the internet, and the automation of information processing and transactions in the financial industry

	Very Disagree	Disagree	Neutral	Agree	Very Agree
If my company has used Fintech services, I am willing to continue					
using them.					
I want to immediately use Fintech services in my business.					
I will recommend Fintech services to my friends.					
Financial Literature					

Financial Literacy

Financial literacy is knowledge, skills, and beliefs that affect human behaviour as a form of improving the quality of financial management & decision making so as to achieve a prosperous life.

	Very Disagree	Disagree	Neutral	Agree	Very Agree
I have a sufficient level of understanding of finances.					
I have a sufficient level of banking awareness.					
I have adequate financial management skills.					
I know the news about the financial sector in Indonesia.					
I am aware of the confidentiality aspect of FinTech.					
I know the information security aspect of FinTech.					
I follow the development of the "cashless" community around me.					

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Appendix 2

Interviews (Additions): Developed in this study

Name	:	•••	
Age	:	years	
Education	:	High School	D3 (Diploma) S1 (Bachelor)

- 1. Do you use FinTech services such as Mobile Banking or Digital Wallet?
- 2. In your opinion, is confidentiality an important aspect to be offered and provided by FinTech companies?
- 3. From a scale of 1 to 5, how is your knowledge or information about aspects of data confidentiality in a FinTech product?
- 4. In your opinion, is security an important aspect to be offered and provided by FinTech companies?
- 5. From a scale of 1 to 5, how is your knowledge or information about aspects of data security in a FinTech product?

If the respondent answers below 4, then:

- 6. In accordance with your assessment of these two aspects (confidentiality and security), why do you continue to use FinTech services even though you do not really know about these two aspects of the FinTech services that will be or are being used?
 - 7. How do you deal with risks in transactions using FinTech services?

CURRICULUM VITAE



Kevin Dwi Karizki Wahyudi Finance Student

PROFILE

Currently in the sixth semester majoring in Business & Management, in which my academic experiences have greatly contributed to the development of my critical thinking, problem-solving, numerical skills, and team-building skills. The success of International Business Administration Entrepreneurship Festival (IBEF) 2019, tutoring colleagues, and participating in training also improved mentioned skills. Demonstrating consistent execution of best study performances and a commitment to develop and uphold ethics.

EXPERIENCE

Product Service Innovation & Development (PSID) Intern at PT Telekomunikasi Indonesia Internasional (TELIN), Jakarta

November 2020 - January 2021

- Participated in developing TELIN Cloud Exchange (TCX) and Neuconnex (Telco Ecommerce) from design conceptualization to client delivery.
- Performed Project Analysis and Project Valuation to assist in full product development processes.
- Participated in evaluating consumer preferences and behaviours, combined with market trends and historical data, to adjust and enhance product's features and consumer's journey.

Investment Intern at PT Bahana Artha Ventura (BAV), Jakarta

March 2022 – August 2022

- Participated in developing Standard Operating Procedure (SOP) for particular product.
- Conduct profile and financial analysis of potential customers before being given financing and regular monitoring during the financing.
- Participated in developing new products and existing products.

Risk Management Intern at PT Bahana Artha Ventura (BAV), Jakarta

March 2023 – July 2023

- Appointed as a member of a team that aims to create new products and maximize existing products.
- Participated in the process of developing standard operating procedures (sop) and business models for new products under development.
- Participated in the company's risk management development process.
- Performed risk analysis for all investment projects of the company

SCHOLARSHIP

Data Science Academy Full Stack: "Data Visualization Specialization", "Machine Learning Specialization", and "Data Analytics Specialization", Algoritma Data Science Education Center February 2021 – June 2021

CERTIFICATIONS

EMDE01x: Unlocking Investment and Finance in Emerging Markets and Developing Economics (EMDEs), EDX

Issued September 2020 – No Expiration Date Credential URL: https://courses.edx.org/certificates/df20f9b0455a437db09eb8a161083651

Investment Fundamentals, International Business Management Institute (IBMI) Issued Sep 2020 - No Expiration Date Credential ID: 325158-159-927-9382 Credential URL: https://www.ibm-institute.com/verify/

EDUCATIONS

Faculty of Business & Communication Swiss-German University, Tangerang -

Bachelor of Economics

August 2019 – Present

Cumulative GPA: 3.98 / 4.00

Faculty of Medicine, Public Health and Nursing UGM, Special Region of Yogyakarta -

Bachelor of Medicine (not finished)

August 2011 - June 2018

BINUS International School Serpong (BISS), Tangerang — High School

August 2008 - May 2011

PROJECTS

International Business Administration Entrepreneurship Festival (IBEF) 2019

(Member of Fundraising Division), Tangerang,

August 2019 – November 2019

Successfully reached the target budget to actualize the event at Living World Alam Sutera on 15 – 16 November 2019. In charge in sponsorship and sales (fundraising activities – selling goods: foods & drinks, merchandise, etc.)

International Business Administration Entrepreneurship Festival (IBEF) 2019 (Member of Logistic Division), Tangerang

August 2019 – November 2019

Successfully organized the event at Living World Alam Sutera on 15 – 16 November 2019. In charge in providing properties needed for the event (committees and participants).

ORGANIZATIONS

Bring Your Own Business (BYOB), as Organization President

December 2020 – December 2021

Business & Management Student Association of Swiss-German University (SGU) that supports SGU's business students academically and non-academically. BYOB also educates and inspires people in entrepreneurship through its campaigns.