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- Wang, J., and Senecal, S., Measuring Perceived Website Usability, *Journal of Internet Commerce*, vol. 6, no. 4, pp.97-112, 2016.
- Alonso-Virgós, L., Espada, J., and Crespo, R., Analyzing compliance and application of usability guidelines and recommendations by web developers, *Computer Standards and Interfaces*, vol. 64, pp. 117–132, 2019.
- Leavitt, M.O., and Shneiderman, B., *Research-based web design and usability guidelines*, U.S. Government Printing Office, 2005.
- Babich, N., 7 Basic Rules for Button Design, *UX Planet*, Available: <https://uxplanet.org/7-basic-rules-for-button-design-63dcd5676b4>, April 18, 2018.
- Polancos, R., A usability study of an enterprise resource planning system: A case study on SAP Business One, *Proceedings of the 20th Congress of the International Ergonomics Association (IEA 2018)*, vol. 7, pp. 1203-1223, January 2019.
- Barnes, S., and Vidgen, R., WebQual: An Exploration of Website Quality, *Proceedings of European Conference on Information Systems*, pp. 74-81, 2000.
- Kaur, S., Kaur, K., and Kaur, P., Analysis of Website Usability Evaluation Methods, 2016 International Conference on Computing for Sustainable Global Development, pp. 1043–1046, 2018.
- Liddle, S., Embley, D., Scott, D., and Yau, S., Extracting Data behind Web Forms, *Proceedings of the 28th Very Large Data Bases (VLDB) Conference*, pp. 402–413, 2003.
- Lin, Y. C., Yeh, C. H., and Wei, C. C., How will the use of graphics affect visual aesthetics? A user-centered approach for web page design, *International Journal of Human Computer Studies*, vol. 71, no. 3, pp. 217–227, 2013.

## **Biographies**

**Gabriel John L. de Leon** graduated BSc in Industrial Engineering at the University of the Philippines – Los Baños (UPLB) as the 2016 Outstanding Student Leadership Awardee recognized with academic excellence, leadership, and service awards. His student leadership prowess was exemplified by his notable projects as the President of the Philippine Institute of Industrial Engineers – National Student Chapter and UPLB College of Engineering and Agro-Industrial Technology Student Council Chairperson. He was a former Demand Management Planner at San Miguel Purefoods Company, Inc and also taught Operations Research courses at UPLB. He is currently taking Master of Science in Industrial Engineering at the De La Salle University – Manila as a Department of Science and Technology (DOST) scholar.

**Joana Patrice M. Gratuito** is currently a graduate student in De La Salle University-Manila taking up Master of Science in Industrial Engineering. Prior to this, she obtained a Bachelor of Science degree in Industrial Engineering from Adamson University in the year 2018. She is a consistent top student of her batch and has been assigned to hold the position of Vice President for Internal Affairs at Philippine Institute of Industrial Engineers-Operations Research Society of the Philippines (PIIE-ORSP). Then, she gained her internship experience at Mondelēz Philippines Incorporated as a part of Continuous Improvement team. She ranked 15th place in the 10th Industrial Engineering Certification administered by Philippine Institute of Industrial Engineers (PIIE) through Industrial Engineering Certification Board (IECB).

**Ronaldo V. Polancos** is an Assistant Professor at De La Salle University - Industrial Engineering Department. He obtained his MSc in Industrial Engineering from DLSU as a Department of Science and Technology scholar and currently completing his Doctor of Philosophy in Industrial Engineering from the same university. He is also a Microsoft Certified Technology Specialist for Microsoft Dynamics AX Distribution and Trade 2012. He specializes in the area of project management, process management, and quality management system; technical expertise on enterprise resource planning system (Microsoft Dynamics and SAP R/3), information system, and web usability assessment. He has been in the academe for more than 10 years and presenting his researches to different international conferences. He has 10 years of experience in the telecommunication and retail sector. He continues to serve as consultant to different government and private companies in the Philippines.