HITA: Portfolio Management Applications

Term Project

UNLV MIS 764

Written By:

Kenneth Larot Yamat

**Due:** May 5th, 2024

Introduction

Introduce HITA, Harmonious Information Technology Affordances

Current Measurement Techniques

Find paper where HITA is first Introduced   
  
Find paper where HITA or Organizational HITA is measured.

Probably the U-shaped non-liner paper in the title

Explain measurement techniques used in paper

Develop an alternative way to measure HITA using a companies publicly available financial statements

Clean up the references list

Motivation

Literature

Importance

Theory

Conceptualization

References

Chatterjee, S., Moody, G. D., Lowry, P. B., Chakraborty, S., & Hardin, A. (2021). The nonlinear influence of harmonious information technology affordance on organisational innovation. Information Systems Journal, 31(3), 294–322. https://doi.org/10.1111/isj.12311

Chatterjee, S., Moody, G., Lowry, P. B., Chakraborty, S., & Hardin, A. (2015). Strategic relevance of organizational virtues enabled by information technology in organizational innovation. Journal of Management Information Systems, 32(3), 158–196. https://doi.org/10.1080/07421222.2015.1099180

Chatterjee, S., Moody, G., Lowry, P. B., Chakraborty, S., & Hardin, A. (2020). Information technology and organizational innovation: Harmonious information technology affordance and courage-based actualization. Journal of Strategic Information Systems, 29, 101596. https://doi.org/10.1016/j.jsis.2020.101596

Rao, D. (2024, March 26). Mastering Pivots & Turnarounds: #1 Lesson From Under Armour, Hertz & Apple. Forbes. https://www.forbes.com/sites/dileeprao/2024/03/26/mastering-pivots--turnarounds-1-lesson-from-under-armour-hertz--apple/?sh=2ebc19f5afae

America’s Most Innovative Companies. (2024). Fortune. https://fortune.com/ranking/americas-most-innovative-companies/

Patnaik, D. (2024, March 24). Is It Time To Rethink Your Innovation Strategy? Forbes. Retrieved from https://www.forbes.com/sites/devpatnaik/2024/03/24/is-it-time-to-rethink-your-innovation-strategy/?sh=7090736f440a

Li, Y., and T. Chi. 2013. Venture capitalists’ decision to withdraw: The role of portfolio configuration from a real options lens. Strategic Management Journal 34: 1351-1366.

Li, Y. & J. Mahoney. 2011. When Are Venture Capital Projects Initiated? Journal of Business Venturing. 26(2): 239-254.

Tong, T. & Y. Li. 2011. Real Options and Investment Mode Decision: Evidence from Corporate Venture Capital and Acquisition. Organization Science. 22(3): 659-674

Courtney, C., Dutta, S., and Li, Y. 2017. Resolving information asymmetry: Signaling and crowdfunding success. Entrepreneurship Theory and Practice 41(2): 265-290.

Liu, Y., Y. Li, X. Hao, and Y. Zhang. 2019. Narcissism and entrepreneurial learning from Failure. Journal of Business Venturing. 34 (3), 496-512

Li, Y., S. Zahra and S. Lan. 2017. Heterogeneity in New Venture Formation Rates across Nations: The Schumpeterian and Institutional Economics Views. Entrepreneurial Finance: Managerial and Policy Implications. 1-35. Lead article

Li, Y., and E. Yao. 2019. All ties are not created equal: Institutional equity ties, IPO performance, and market growth of new ventures. In D. Cumming & S. Johan (ed.). Oxford Handbook of IPO

Wang, E. T. G., Hu, H.-f., & Hu, P. J.-H. (2013). Examining the role of information technology in cultivating firms’ dynamic marketing capabilities. Information & Management, 50(6), 336-343. https://doi.org/10.1016/j.im.2013.04.007

Randolph, R. V., Hu, H.-f., & Silvernail, K. D. (2020). Better the devil you know: Inter-organizational information technology and network social capital in coopetition networks. Information & Management. Advance online publication. https://doi.org/10.1016/j.im.2020.103344

Randolph, R. V., Hu, H., Silvernail, K. (2018). Knowledge Networking and Coopetition: The Role of Shared Technology in Promoting Goal Convergence. 2018 Western Academy of Management Conference, 59 9.

Hu, H.-F., Moore, W. L., & Hu, P. J. (2024). Incorporating user perceptions and product attributes in software product design and evaluation. Journal of Information Technology, 36(2), 123-137.

Chatterjee, S., Chakraborty, S., Fulk, K., & Lowry, P. B. (2024). The role of dissonant relational multiplexity in information system implementation failures. Journal of the Association for Information Systems (JAIS). Advance online publication. https://aisel.aisnet.org/jais/vol25/iss2/1/

Chatterjee, S., Sarker, S., Lee, M. J., Xiao, X., & Elbanna, A. (2021). A possible conceptualization of the information systems (IS) artifact: A general systems theory perspective. Information Systems Journal, 31(4), 550-578. https://doi.org/10.1111/isj.12292

Oberlander, A. M., Roglinger, M., & Rosemann, M. (2021). Digital opportunities for incumbents – A resource-centric perspective. Journal of Strategic Information Systems. https://doi.org/10.1016/j.jsis.2021.101670

Capurro, R. (2017). Digitization as an ethical challenge. AI & Soc, 32(3), 277–283. https://doi.org/10.1007/s00146-016-0686-z

Wessel, L., Baiyere, A., Ologeanu-Taddei, R., Cha, J., & Jensen, T. B. (2021). Unpacking the Difference Between Digital Transformation and IT-Enabled Organizational Transformation. Journal of the Association for Information Systems, 22(1), 102-129. https://doi.org/10.17705/1jais.00655

Bertoni, S. (2015, April 15). Twinkie's Miracle Comeback: The Untold, Inside Story of a $2 Billion Feast. Forbes. https://www.forbes.com/sites/stevenbertoni/2015/04/15/twinkie-billion-dollar-comeback-hostess-metropoulos-apollo-jhawar/?sh=159db56e7235

S&P Dow Jones Indices. (2024). S&P Homebuilders Select Industry Index. Retrieved April 9, 2024, from https://www.spglobal.com/spdji/en/indices/equity/sp-homebuilders-select-industry-index/#overview

Yale School of Management. (July 6, 2023.). Yale School of Management logo. Retrieved April 10, 2024, from https://som.yale.edu/story/2023/top-40-case-studies-2022-23

Jassy, A. (2024, April 11). CEO Andy Jassy’s 2023 Letter to Shareholders. Amazon. Retrieved from https://www.aboutamazon.com/news/company-news/amazon-ceo-andy-jassy-2023-letter-to-shareholders?utm\_source=amazonnewsletter&utm\_medium=email&utm\_campaign=041124&utm\_term=shareholderletter

Rogers, J. (2023, March 21). Blackstone Stops Making Payments on $325M Las Vegas Office Loan. GlobeSt. https://www.globest.com/2023/03/21/blackstone-stops-making-payments-on-325m-las-vegas-office-loan/?slreturn=20240321173235

Saab, V., Miller, K., Yamat, K. L. (2024, April 28). 4.3. Digitalization: Advances and Challenges [PowerPoint slides & Oral presentation]. MIS 764, University of Nevada, Las Vegas, Las Vegas, Nevada.

Saab, V., Miller, K., & Yamat, K. L. (2024). Module Paper 1: Business Value Of IT [Student Paper] MIS 764, University of Nevada, Las Vegas, Las Vegas, Nevada.

Saab, V., Miller, K., & Yamat, K. L. (2024). Module Paper 2: IT-Business Partnership [Student Paper] MIS 764, University of Nevada, Las Vegas, Las Vegas, Nevada.

Saab, V., Miller, K., & Yamat, K. L. (2024). Module Paper 3: IT-Enabled Innovation [Student Paper] MIS 764, University of Nevada, Las Vegas, Las Vegas, Nevada.

Saab, V., Miller, K., & Yamat, K. L. (2024). Module Paper 4: Contemporary Issues in IT and Innovation [Student Paper] MIS 764. University of Nevada, Las Vegas, Las Vegas, Nevada.

Dyvik, E. H. (2023, November 22). Companies with the highest spending on research and development 2022. Statista. https://www.statista.com/statistics/265645/ranking-of-the-20-companies-with-the-highest-spending-on-research-and-development/

Chheda, T. (2021, May 15). How Hotel Brands Are Making It Easier Than Ever to Find Vacation Rentals. Travel + Leisure. Retrieved from https://www.travelandleisure.com/hotels-resorts/hotel-brands-private-vacation-rentals

Chatterjee, S., & Sarker, S. (2024). Toward a better digital future: Balancing the utopic and dystopic ramifications of digitalization. The Journal of Strategic Information Systems, 33(2), 101834. <https://doi.org/10.1016/j.jsis.2024.101834>

Mamonov, S., & Peterson, R. (2021). The role of IT in organizational innovation – A  
 systematic literature review. Journal of Strategic Information Systems, 30,   
 101696. <https://doi.org/10.1016/j.jsis.2021.101696>

Chatterjee, S., Moody, G. D., Lowry, P. B., Chakraborty, S., & Hardin, A. (2021). The   
 nonlinear influence of harmonious information technology affordance on   
 organisational innovation. Information Systems Journal, 31(3), 294–322.

<https://doi.org/10.1111/isj.12311>

Chatterjee, S., Moody, G., Lowry, P. B., Chakraborty, S., & Hardin, A. (2015). Strategic   
 relevance of organizational virtues enabled by information technology in   
 organizational innovation. Journal of Management Information Systems, 32(3),   
 158–196. <https://doi.org/10.1080/07421222.2015.1099180>

Chatterjee, S., Moody, G., Lowry, P. B., Chakraborty, S., & Hardin, A. (2020).   
 Information technology and organizational innovation: Harmonious information   
 technology affordance and courage-based actualization. Journal of Strategic   
 Information Systems, 29, 101596. <https://doi.org/10.1016/j.jsis.2020.101596>

Hopp, C., Antons, D., Kaminski, J., & Salge, T. O. (2018). Disruptive Innovation:   
 Conceptual Foundations, Empirical Evidence, and Research Opportunities in the   
 Digital Age. Journal of Product Innovation Management, 35(3), 446–457.   
 <https://doi.org/10.1111/jpim.12448>

Chan, C. M. L., Teoh, S. Y., Yeow, A., & Pan, G. (2018). Agility in responding to   
 disruptive digital innovation: Case study of an SME. Information Systems   
 Journal, 29(2), 436–455. <https://doi.org/10.1111/isj.12215>

Carlo, J. L., Gaskin, J., Lyytinen, K., & Rose, G. M. (2014). Early vs. late adoption of   
 radical information technology innovations across software development   
 organizations: an extension of the disruptive information technology innovation   
 model. Information Systems Journal, 24(6), 537–569.   
 <https://doi.org/10.1111/isj.12039>

Lyytinen, K., & Rose, G. M. (2003). The disruptive nature of information technology   
 innovations: The case of internet computing in systems development   
 organizations. MIS Quarterly, 27(4), 557-595. <https://doi.org/10.2307/30036549>

Benbya, H., Pachidi, S., & Jarvenpaa, S. (2021). Special Issue Editorial: Artificial   
Intelligence in Organizations: Implications for Information Systems Research.   
Journal of the Association for Information Systems, 22(2), 281-303.   
<https://doi.org/10.17705/1jais.00662>

Paschen, U., Pitt, C., & Kietzmann, J. (2020). Artificial intelligence: Building blocks and   
an innovation typology. Business Horizons, 63, 147-155.   
<https://doi.org/10.1016/j.bushor.2019.10.004>

Dwivedi, Y. K., Hughes, L., Ismagilova, E., Aarts, G., Coombs, C., Crick, T., ... Williams,   
33M. D. (2021). Artificial Intelligence (AI): Multidisciplinary perspectives on   
emerging challenges, opportunities, and agenda for research, practice and   
policy. International Journal of Information Management, 57, 101994.   
<https://doi.org/10.1016/j.ijinfomgt.2019.08.002>

Borges, A. F. S., Laurindo, F. J. B., Spínola, M. M., Gonçalves, R. F., & Mattos, C. A.   
(2021). The strategic use of artificial intelligence in the digital era: Systematic   
literature review and future research directions. International Journal of   
Information Management, 57, 102225.   
<https://doi.org/10.1016/j.ijinfomgt.2020.102225>

Anderson, C., & Robey, D. (2017). Affordance potency: Explaining the actualization of   
technology affordances. Information and Organization, 27(2), 100-115.   
<https://doi.org/10.1016/j.infoandorg.2017.03.002>

Jablonka, K. M., Schwaller, P., Ortega-Guerrero, A., & Smit, B. (2024). Leveraging large   
language models for predictive chemistry. Nature Machine Intelligence.   
<https://doi.org/10.1038/s42256-023-00788-1>

Norfolk Southern Corporation. (2024). Form 10-K Annual Report. U.S. Securities  
and Exchange Commission. <https://www.sec.gov/ixviewer/ix.html?doc=/>  
[Archives/edgar/ data/702165/000070216524000005/nsc-20231231.htm](https://www.sec.gov/ixviewer/ix.html?doc=/Archives/edgar/data/702165/000070216524000005/nsc-20231231.htm)

Bensinger, G. (2024, March 8). Google's newest office has AI designers toiling in a   
Wi-Fi desert. Reuters. [https://www.reuters.com/technology/googles-newest](https://www.reuters.com/technology/googles-newest-office-has-ai-designers-toiling-wi-fi-desert-2024-03-08/)

[-office-has-ai-designers-toiling-wi-fi-desert-2024-03-08/](https://www.reuters.com/technology/googles-newest-office-has-ai-designers-toiling-wi-fi-desert-2024-03-08/)

Gurman, M. (2024, February 27). Apple to wind down electric car effort after   
decadelong odyssey. Bloomberg. <https://www.bloomberg.com/news/articles/2024->  
[02-27/apple-to-wind-down-electric-car-effort-after-decadelong-odyssey](https://www.bloomberg.com/news/articles/2024-02-27/apple-to-wind-down-electric-car-effort-after-decadelong-odyssey)

Eliot, L. (2024, March 12). Prompt Engineering Technique Known As The Step-Around Is

Gaining Steam As Generative AI Becomes Less Forthright. Forbes Innovation AI.

[https://www.forbes.com/innovationai/2024/03/12/step-around-prompt-engineeri](https://www.forbes.com/innovationai/2024/03/12/step-around-prompt-engineering-technique-gaining-steam-generative-ai/)

[ng-technique-gaining-steam-generative-ai/](https://www.forbes.com/innovationai/2024/03/12/step-around-prompt-engineering-technique-gaining-steam-generative-ai/)

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>