























research succeeded in finding solutions related to designing features that will be implemented in On Demand Jobs application. Thus, the On Demand Job application is expected to have a user experience good for users.

## References

- Abraham, K.G., Haltiwanger, J.C., Sandusky, K., Spletzer, J.R., Measuring the gig economy: current knowledge and open issues. In: Corrado, C., Haskel, J., Miranda, J., Sichel, D. (Eds.), *Measuring and Accounting for Innovation in the Twenty-First Century*. In: NBER Studies in Income and Wealth, vol. 78. University of Chicago Press, Chicago, pp. 257–298, 2021.
- Carvalho, A., Matos, H.A., Gani, R., Sustainpro-a tool for systematic process analysis, generation and evaluation of sustainable design alternatives, *Comput. Chem. Eng*, vol. 50, pp. 8–27, 2013. <http://dx.doi.org/10.1016/j.compchemeng.2012.11.007>.
- Chung, L., Nixon, B.A., Yu, E., Mylopoulos, J., Chung, L., Nixon, B.A., Yu, E., Mylopoulos, J., The NFR framework in action. In: *Non-Functional Requirements in Software Engineering*. Springer US, pp. 15–45, 2000.
- Dennis, A., Wixom, B.H., Roth, R.M., Systems analysis and design. In: *Systems Analysis and Design*, sixth ed. Wiley Publishing, pp. 448, 2014. <http://dx.doi.org/10.1201/9781420055948.pt2>.
- Fadare, O., Doucette, W., Gaither, C., Schommer, J., Arya, V., Bakken, B., Kreling, D., Mott, D. and Witry, M., Exploring the moderating role of job resources in how job demands influence burnout and professional fulfillment among U.S. pharmacists. *Research in Social and Administrative Pharmacy*, 2022.
- Frey, Carl Benedikt; Osborne, Michael A., *The Future of Employment: How Susceptible Are Jobs to Computerisation*, Oxford, 2013.
- Halzack, Sarah, Elance-oDesk Flings Open the Doors to a Massive Digital Workforce, in: *The Washington Post*, 2014. [https://www.washingtonpost.com/business/freelancers-from-around-the-world-offer-software-developing-skills-remotely/2014/06/13/f5088c54-efe7-11e3-bf76-447a5df6411f\\_story.html](https://www.washingtonpost.com/business/freelancers-from-around-the-world-offer-software-developing-skills-remotely/2014/06/13/f5088c54-efe7-11e3-bf76-447a5df6411f_story.html) (13.8.2016).
- Irani, Lilly C., Silberman, M. Six, Turkopticon: Interrupting Worker Invisibility in Amazon Mechanical Turk, in: *Proceedings of the SIGCHI Conference*, pp. 611–620, CHI '13, New York, 2013
- Kässi, O., Lehdonvirta, V., Online labour index: measuring the online gig economy for policy and research. *Technol Forecast Soc Change*, vol. 137, pp. 241–248, 2018.
- Kessler, Sarah, Pixel and Dime: On (Not) Getting by In the Gig Economy, in: *Fast Company*, 2014.
- Kessler, Sarah, The Domestic Workers Alliance Creates New Framework for Improving Gig Economy Jobs, in: *Fast Company*, 6.10.2015.
- Kessler, Sarah, The Gig Economy Won't Last Because It's Being Sued to Death, in: *Fast Company*, 17.2.2015.
- Koustas, D., Consumption insurance and multiple jobs: evidence from rideshare drivers. Unpublished working paper.
- R. Swarns, Freelancers in the gig economy find a mix of freedom and uncertainty. *New York Times*, 2014. <https://www.nytimes.com/2014/02/10/nyregion/for-freelancers-in-the-gig-economy-a-mix-of-freedom-and-uncertainty.html>, February 9, 2014.
- Smith, Rebecca, Leberstein, Sarah, Rights on Demand: Ensuring Workplace Standards and Worker Security in the On-demand Economy, in: *National Employment Law Project*, September 2015.
- Sundararajan, Arun, The Gig Economy: is Coming. What Will it Mean for Work? in: *The Guardian*, 26.7.2015.
- Surowiecki, James, Gigs with Benefits, in: *The New Yorker*, 6.7.2015.
- Swarns, Rachel L., Freelancers in the Gig Economy“Find a Mix of Freedom and Uncertainty, in: *The New York Times*, 9.2.2014
- Westhale, July, Gig Economy: How Technology Is Changing the Workforce, in: *Launchable*, 16.4.2014.

## Biographies

**Putri Aysha Qalbi** is a master's degree student in the Industrial Engineering Department, Faculty of Engineering University of Indoensia. She earned a bachelor's degree in Electrical Engineering from Yogyakarta Muhammadiyah University and previously completed her education in Metrology and Instrumentation at Gadjah Mada University, Yogyakarta. Putri is currently working as a Digital Marketing Lead in the Internet Industry. His research interests are strategy management, knowledge management, and information system.

**Novandra Rhezza Pratama** is a lecturer at the Industrial Engineering Department of University of Indonesia. Mr. Novandra completed his doctorate in Industrial Engineering and Economics from the Tokyo Institute of Technology. His research interest is related to industrial management, information system, business models, and business process re-engineering.