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THE LEGAL CAPACITY (AL-AHLIYYAH) OF ARTIFICIAL INTELLIGENCE FROM AN ISLAMIC JURISPRUDENTIAL PERSPECTIVE

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Abstract

Capacity is the legal right and empowerment of a legal person to individual responsibility. A legal person has the right to social, economic, and political duties and responsibilities in the society to sue and be sued in the law court. However, the issue of artificial persons has been gaining attention in recent times, especially its legal capacity. This paper examines the legal capacity of Artificial Intelligence from Islamic jurisprudential perspective. For instance, legal and juristic issues remain around the legal capacity of humanoids like Sophia Robot which was granted the first full citizenship in Saudi Arabia. Does that citizenship translate to full rights and responsibility like a normal human? The study uses a qualitative method to employ the doctrinal approach of analyzing Islamic jurisprudential opinions on the legal personality of an artificial person. Although there are Islamic thresholds on minors and other interdicted persons, however, the study explores the extent of interpolating classical Islamic rulings of the legal capacity of certain corporations, entities, and interdicted persons on the artificial intelligence robot. The study found that an artificial intelligence robot does not have the complete traits to be considered for natural legal capacity. However, AI has the trait of artificial personality that is justified in Islamic jurisprudence. The vicarious tortious liability can be interpolated on the artificial personality of AI to ensure the protection of the public interest. Therefore, this study lays the groundwork for further studies in understanding how Islamic law can address the rights, responsibilities, and ethical considerations surrounding the use of AI, thereby facilitating the development of comprehensive, and religiously sensitive regulatory frameworks. © The authors (2024).

Author Keywords

alahliyyah; Artificial intelligence; legal capacity; robot

References

- Advani, V.
(2020) *What is Artificial Intelligence? How does AI work, types and future of it?*
Greatlearning Blog,
(July 18)
- Al-Bayhaqi, A. A.
(1994) *Sunani Al-Bayhaqi al-kubra*,
(M. abdul Q. Athar, Ed). Mecca: Dar Al-Baz
- Alexandre, F. M.
(2017) *The legal status of artificially intelligent robots personhood, taxation and control*,
[Master Dissertation], Tilburg University, Netherland
- Al-Kasānī, A. M.
(1986) *Badā'i'u al-ṣanā'i'u tartīb sharā'i'u*,
Dar Al-Kutub Al-'ilmiyah
- Al-Qumidi, A. Z.
(2017) *Mujam mustalahat al-ulum al-shariyah*,
Maktabah Malik Al-Fadh. Saudi Arabia
- Al-Zarqā, M. A.
(2004) *Al-madkhāl al-fiqhī al-'ām*,
Dār Al-Qalam. Dubai

- Amelia, A., Zaleha, Z., Mahdy, A.
The Islamic perspectives of gender-related issues in the management of patients with disorders of sex development
(2017) *Archives of Sexual Behavior*, 46 (2), pp. 353-360.
- Avila Negri, S. M. C.
Robot as legal person: Electronic personhood in robotics and artificial intelligence
(2021) *Frontiers in Robotics and AI*, 8, pp. 1-10.
- Bird, E., Fox-Skelly, J., Jenner, N., Larbey, R., Weitkamp, E., Winfield, A.
(2020) *The ethics of artificial intelligence: Issues and initiatives*,
- Bohr, A., Memarzadeh, K.
The rise of artificial intelligence in healthcare applications
(2020) *Artificial Intelligence in Healthcare*, pp. 25-60.
Elsevier
- Bormann, U., Brauchitsch, B. Von
(2017) *Artificial intelligence and robotics and their impact on the workplace*,
- Bukhari, S. A., Mahmood, F.
Legal capacity of Muslim woman regarding marriage in Islamic Law
(2017) *Peshawar Islamicus*, 8 (1), pp. 25-33.
- Chen, S.
Analysis | Saudi Arabia grants citizenship to Hong Kong robot Sophia – with rights ahead of real women and foreign workers
(2024),
(March 1). South China Morning Post
- Cioffi, R., Travaglioni, M., Piscitelli, G., Petrillo, A., De Felice, F.
Artificial intelligence and machine learning applications in smart production: Progress, trends, and directions
(2020) *Sustainability*, 12 (492), pp. 1-26.
- Colclough, G., Dorling, G., Riahi, F., Ghafur, S., Sheikh, A.
Harnessing data science and AI in healthcare
(2018),
World Innovation Summit for Health
- Craigie, J., Bach, M., Gurbai, S., Kanter, A., Kim, S. Y. H., Lewis, O., Morgan, G.
Legal capacity, mental capacity and supported decision-making: Report from a panel event
(2019) *International Journal of Law and Psychiatry*, 62 (12), pp. 160-168.
- Dong, Y., Hou, J., Zhang, N., Zhang, M.
Research on how human intelligence, consciousness, and cognitive computing affect the development of Artificial Intelligence
(2020) *Complexity*, 2020, pp. 1-10.
- Mansor, Dzaharuddin
(2021) *How Malaysia Can Navigate Its Future Economy With AI*,
(August 30). Microsoft Malaysia News Center
- Fleming, P.
Robots and organization studies: Why robots might not want to steal your job
(2019) *Organization Studies*, 40 (1), pp. 23-38.
- Gazali, H. M., Binti Jumadi, J., Jumadi, J., Ramelan, R., Rahmat, N. A., Nor, S., Uzair, H. M., Mohid, A. N.

Application of Artificial Intelligence (AI) in Islamic investments
(2020) *Journal of Islamic Finance*, 9 (2), pp. 70-78.

- Gerke, S., Minssen, T., Cohen, G.
Ethical and legal challenges of artificial intelligence-driven healthcare
(2020) *Artificial Intelligence in Healthcare*, pp. 295-336.
- Goldberg, J. C. P., Zipursky, B. C.
The strict liability in fault and the fault in strict liability
(2016) *Fordham Law Review*, 85 (2), pp. 744-757.
- Hart, R. D.
Saudi Arabia's robot citizen is eroding human rights
(2018) *Quartz*,
(February 14)
- Ibn Manzūr, A. A.
(1994) *Lisānu al-Arab*,
(3rd ed). Beirut: Dar Sadir
- Islam, M. S.
Criminal accountability and juvenile offenders: A study under Islamic principles, international law and the efficiency of judiciary of Bangladesh view project dispute mechanism under APSCO view project
(2015) *International Journal of Ethics in Social Sciences*, 3 (2), pp. 51-62.
- Karmi, H.
(2007) *Al-mughni al-akbar*,
Beirut: Maktabah Lubnan Nashirun
- Koos, S.
Artificial intelligence-science fiction and legal reality
(2018) *Malaysian Journal of Syariah and Law*, 8 (2), pp. 23-29.
- Maliha, G., Gerke, S., Cohen, I. G., Parikh, R. B.
Artificial Intelligence and liability in medicine: Balancing safety and innovation
(2021) *Milbank Quarterly*, 99 (3), pp. 629-647.
- Matheny, M., Israni, S. T., Ahmed, M., Whicher, D.
(2019) *Artificial Intelligence in health care*,
Washington DC: National Academy of Medicine
- Mcsherry, B.
Legal capacity under the convention on the rights of persons with disabilities
(2012) *Journal of Medicine and Law*, 20 (22), pp. 1-7.
- Mohadi, M., Yasser, Tarshany, M. A.
Maqasid al-shari'ah and the ethics of Artificial Intelligence: Contemporary challenges
(2023) *Journal of Contemporary Maqasid Studies*, 2 (2), pp. 79-102.
- Mohamad, A. B.
(1997) *The Islamic law of tort*,
[PhD Thesis, The University of Edinburgh]. Edinburgh Research Archive
- Pagallo, U.
Vital, Sophia, and Co.— The quest for the legal personhood of robots
(2018) *Roboethics*, 230 (ii), pp. 1-11.
- Peters, A.
(2016) *Beyond human rights: The legal status of the individual in international*

- law*, 113 (3), pp. 654-664.
Cambridge, UK: Cambridge University Press
- Royakkers, L., Timmer, J., Kool, L., Est, R. Van
Societal and ethical issues of digitization
(2018) *Ethics and Information Technology*, 20 (2), pp. 127-142.
 - Schröder, W. M.
Robots and rights: Reviewing recent positions in legal philosophy and ethics
(2021) *Robotics, AI, and Humanity: Science, Ethics, and Policy*, pp. 191-203.
Springer International Publishing
 - Shabana, K., Lighari, A. R., Salam, A.
Analysis of the Islamic Law and its compatibility with artificial intelligence as a emerging challenge of the modern world
(2024) *Annals of Human and Social Sciences*, 5 (1), pp. 99-114.
 - Singh, R. K.
Liability of the state for torts committed by its servants: Public law and private law perspectives
(2016) *GJLU Journal of Law Development and Politics*, 6 (1), pp. 25-70.
 - **Robotics – Asia**
(2024) *Statista*,
 - Szmukler, G.
“Capacity”, “best interests”, “will and preferences” and the UN Convention on the rights of persons with disabilities
(2019) *World Psychiatry*, 18 (1), pp. 34-41.
 - Tarshany, Y.
The role of artificial intelligence in the development of Islamic sciences in the light of Maqasid Al-Shariah
(2022) *Al-waqiu al-muasir wa asaru ala ulum shariyyah*, pp. 613-641.
 - Wendehorst, C.
Strict Liability for AI and other emerging technologies
(2020) *Journal of European Tort Law*, 11 (2), pp. 150-180.
 - Wendehorst, C.
Liability for artificial intelligence
(2022) *The Cambridge handbook of responsible artificial intelligence*, pp. 187-209.
Cambridge University Press
 - Zāmilī, A. A.
(2001) *Sharḥu al-qawā'idu-as-sa'diyah*,
Ed. sulaiman A. & Saud, A. Jamīu Shaykh al Islam Ibn Taymiyyah
 - Zuhair, M. A. N.
(2011) *Usūl al-fiqh*,
(1st ed). Cairo: Al-Maktabah Al-Azhariyyah lil Turāth

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