Visualization of Sharia objectives for benefit from artificial intelligence products

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Research summary
This research aims to clarify the purposeful concept of the endowment for artificial intelligence applications, so that it takes into account the presentation of priorities by presenting the five major faculties: religion, soul, mind, offspring, and money, then the rest of the faculties, then needs, then improvements. The researcher followed the analytical inductive approach and reached several results, the most important of which is that the endowment for artificial intelligence applications is one of the modern priorities, which will make its benefit great, and that not taking into account the purposeful arrangement does not mean that the endowment is invalid, but rather that the arrangement of priorities will be disturbed.

the introduction:
Every day, the fields of life expand, and with them the needs of the state and the Muslim individual expand. The need at every stage is urgent to keep pace with development and address societal needs, through the existence of a source that meets recurring and sustainable needs, and not to submit to their requirements time after time.One of the most prominent community solutions is endowments, especially those that keep pace with contemporary developments and are of public benefit. Hence, the idea of the research came, which is to endow artificial intelligence applications according to studied priorities according to the street's arrangement for them.

Importance of research:
The importance of this research lies in the following:
1.   Disturbance of the priorities of the objectives of the founders and doers of good.
2.   Randomness in stopping and repeating stopping in some fields.
3.   Failure to properly exploit an important resource in jurisprudence.

Research objectives:
This research aims to demonstrate the following:
•   What is it?Artificial intelligence applications.
•   What is the endowment on artificial intelligence applications?
•   Fields and priorities of the endowment on artificial intelligence applications; to achieve the objectives of Islamic Sharia.

Research problem and questions:
The main research problem lies inWhat are the priorities of the endowment on artificial intelligence applications?The research questions arising from this problem can be formulated as follows:
-        What is the definition of artificial intelligence applications?
-        What is meant by the moratorium on artificial intelligence applications?
-        What are the priorities of the endowment on artificial intelligence applications?

Research methodology:
In this paper, the researcher will follow two approaches: inductive and analytical. Where he will read the legal objectives and work to arrange the priorities according to their legal order, then suggest applications via artificial intelligence that can be stopped at to guide and direct those who stop at them.

Research structure:
This research will consist of: Introduction, two chapters and a conclusion:
Introduction, which includes:
Pain research First: Definition of research terms.
Pain research Second: A conceptualization of the priorities of the artificial intelligence applications.
Conclusion: It includes the results and recommendations.
The first axis: Definition of research terms:
This section will include the definition of Both the legal objectives and artificial intelligence and what is meant by the endowment on artificial intelligence applications.

First A: Definition of the objectives of Islamic law.

We can define the objectives of Islamic law in terminology with the definition of the pioneer of Islamic objectives, IbnAshur: "the meanings and rulings observed by the Lawgiver in all or most cases of legislation." [1]

It is also known as: "The intended interest goals of the rulings, and the intended meanings of the discourse."[2]

second: Definition of artificial intelligence:

As for the definition of artificial intelligence in simple terms: it is the study of intelligent behavior in humans, animals, and machines, and it also represents an attempt to find ways by which such behavior can be introduced into artificial machines.[3]

Thirdly The purpose of stopping at artificial intelligence applications:

The purpose of the endowment for artificial intelligence applications is to allocate money that is reserved for those who hope for the good of the hereafter, and to use it to finance artificial intelligence applications that serve Islamic law and its objectives. The application is treated as an endowment, and its benefit is for those who are entitled to it, based on the declaration and desire of the endower.

Pain Second search: My vision of how and the priorities of the endowment on artificial intelligence applications:

We need to make endowments serve the general objectives of the Sharia: religion, the soul, the mind, offspring, wealth, and everything else. Serving these objectives is done from two aspects: either from the aspect of existence, which is by preserving what establishes its pillars and foundations, or from the aspect of nonexistence, which is by repelling everything expected that might harm or destabilize it..

First priority: Imagine stopping at Applications Serves a purpose Preserving religion:

Artificial intelligence applications can preserve religion in terms of existence and prevent anything that would harm it. We can take care of it in terms of nonexistence in many ways, including:

Educational applications: such as applications in which the Holy Quran is written, applications for the seven and ten readings in writing, applications for interpreting the Holy Quran in writing, and making applications specific to Quran recitations by different readers and with different narrations by hearing, and applications for listening to the Holy Quran automatically that ask the reader to correct it, and it is possible for there to be an interactive aspect, so that the teacher listens to the student and corrects him; because the Quran is taken by receiving, and the same applies to interactive applications for teaching interpretation and Islamic sciences.

Applications for calling to God: such as applications for calling heedless Muslims to establish faith in their souls, and protecting the youth and children from heedlessness, applications for calling non-Muslims to Islam, and applications in different languages for calling non-Muslims in all corners of the world to enter the religion of Islam.

Applications to respond to doubts: This is to preserve religion from nonexistence, as Al-Shatibi called it. We need applications that monitor doubts and respond to them.

Applications that serve religion: It is impossible to dispense with in-kind endowments, or to spend people entirely on endowments for smart applications, and leave everything else. There are other areas in which religion is preserved, like everything that serves religion, such as endowments for mosques, schools, institutes, etc., but it is possible to endow what serves these endowments, such as endowments for applications that serve mosques, schools, and institutes, such as endowments for applications to organize donors to serve these institutions, or organize workers in them, or donors to them, such as donors of Qur'ans, and knowing places of need, and submitting requests, or to arrange imams, muezzins, preachers, and mosque servants... etc.

Mathematical applications: We also need applications that perform mathematical tasks related to Sharia, such as calculating inheritance and zakat using algorithms.

Translation applications: This includes translating and publishing religious books, which are not the previously mentioned preaching books. What is meant by translation here is translating scientific religious books and publishing them for students of knowledge and Muslims who speak languages other than Arabic.

Second priority: Imagine stopping at Applications Serves a purpose Preserving life:

Artificial intelligence applications can preserve the soul in terms of existence, and prevent what harms it, so we take care of it in terms of nonexistence, in many ways, including:

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(1)The objectives of Islamic law, by IbnAshur, (251).

(2)The theory of objectives according to IbnAshur, by Ismail Al-Hasani, (119).

(3) Artificial Intelligence, by Playwright, (15).

• **Warning applications:** to show all the harms that threaten the youth or young people, and in which there is a warning against wrong behaviors that harm the soul in the first place, such as warning against suicide or what leads to it.

• **Diagnostic applications:** Artificial intelligence applications have a clear impact on medical care, and provide a special quality service to the community, with the lack of specialists, infrastructure, and medical laboratories in low-income countries. By relying on artificial intelligence algorithms, it is possible to obtain first-class medical care in remote and distant areas.

• **Applications for qualifying and developing skills in the field of health care:** The poor world is witnessing a severe poverty in the percentage of skilled workers in the field of health care, so the urgent need in this field can be developed and created through artificial intelligence applications, according to the British Medical Journal ((British Medical Journal) Less than 3 percent of the world's supply of trained health professionals is in sub-Saharan Africa, which accounts for 24 percent of the world's disease burden, and in South Asia there are 0.7 trained doctors per 1,000 people, most of them in urban areas and major cities. According to the World Health Organization, 57 countries in the world have a severe shortage of health workers, equivalent to a global shortage of 2.4 million doctors and nurses. [1]Through smart applications, the scope of practitioners in the health sector can be expanded, and more hands and people, such as nurses, radiology specialists, pharmacists, etc., can be trained and trained, thus filling this large gap.

• **Health preservation applications:** such as medical applications that provide health advice for taking care of it and protecting it from diseases. These applications can be interactive, under the supervision of doctors, where the beneficiary enters and presents his problem, whether physical or psychological, and receives the care that a patient receives in the hospital, and the doctor guides him to the appropriate treatment for him. Such applications, if easy and convenient to use, will save the poor a lot of money and a lot of effort for those who live in the countryside and villages, and will reduce the pressure on hospitals, and the death rate will decrease, as doctors say: Many simple cases could have been treated easily if they had been presented to a specialist, which may lead to their exacerbation or the life of their owner, and such applications reduce the burden on government hospitals, and make them free for cases that require surgical medical intervention.

• **Applications to confront pandemics:** In times of pandemics, people need applications that guide them on the right behavior at that time. We need applications to protect ourselves from pandemics when they occur, such as floods, earthquakes, volcanoes, health pandemics, and the like. The reader can imagine if there was an interactive application during the Corona pandemic crisis between people on the one hand, and specialist doctors on the other hand, what would be the return and benefit of such an application, by explaining the precautionary measures, diagnosing cases infected with the virus or not, what the contact should do, what the healthy person should do, how to isolate, how to do the test... etc. [2]

• **Applications to monitor vital organs in the body:** such as monitoring changes in the human body, such as high blood sugar, blood pressure, heart rate, and other things that need to be monitored continuously to avoid strokes and health complications. An application can be created on a wristwatch or mobile phone that alerts the person to vital changes in his body, so that he can be aware of them early.

• **Applications for donors:** Such applications are available to those who wish to donate something that could save someone's life, such as donating blood. Each person enters their information, such as their blood type, place of residence, and method of contacting them. Those in need submit their requests elsewhere, and coordination can be done, so the donor is contacted to connect them with the person in need. Like blood, donating something that does not harm a person, such as donating part of the liver - as doctors say - does not harm a person because the liver has the ability to regenerate, and other things that can be donated and save the life of another person, without harming the donor.

• **Applications to help people with special needs:** The application helps people with special needs in terms of understanding, as some people with special needs have a way of communicating and

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(1) Artificial Intelligence for the Public Good, (22).

(2) During the fight against Ebola in Sierra Leone in 2014, IBM Research Africa used a crowd-sourced reporting platform to have local people communicate their experiences to government officials. The platform, through natural language processing, elicited cultural beliefs behind people's willingness to take public health measures, allowing governments to redesign more effective campaigns. See: Artificial Intelligence for the Public Good (22).

special programs to develop the mind and behavior, and these programs actually require great efforts, while if they were through an application - whether interactive or non-interactive - and applications to help people with special needs from the deaf and mute, write what is spoken, pronounce what is written, or explain some books through sign language, and among the applications that help people with special needs are artificial intelligence applications that drive autonomous electric vehicles guided by artificial intelligence for transportation, as a service to them, in addition to the fact that they work to preserve the environment, reducing global warming affecting the environment [1], and other applications that help people with special needs, and facilitate some of the difficulties they face.

• **Artificial intelligence applications in 4D printing:** These applications can be used to print printable organs for those who have lost a limb or organ, such as the ear or nose.

Third priority: Imagine stopping at Applications Serves a purpose Save the mind:
Artificial intelligence applications can preserve the mind in terms of existence, and prevent what may harm it, so we take care of it in terms of nonexistence, in many ways, including:

• Educational applications: What is meant by education here is not religious education, as religious education is of a higher rank than what is meant here, as it preserves religion, and therefore we made it the first priority. What is meant here is every useful science, as devoting ourselves to educational applications raises the value of society and the nation, for example: educational applications for teaching English, French, Spanish, Chinese, and other languages, and applications for teaching chemistry, physics, biology, botany, computer science, astronomy, geography, history, logic, philosophy... etc., whether these sciences are systematic sciences that students study in schools, institutes, and universities, so they serve the students in them, or they are general, so those interested in these sciences benefit from them, and whether they are interactive or not, or semi-interactive, so that the lessons are recorded, then there is an interactive day every week or month to receive questions and answer them, and society needs all of these sciences.

• Integrated scientific applications: In addition to educational applications, it is possible to create integrated universities and institutes using smart applications, so that the curriculum in them depends on artificial intelligence applications, in terms of study, teaching, testing, correction, etc., and the student graduates from it with a certificate like other universities. This will facilitate study for those with limited income or the poor, and will reduce the burden on the state; because education takes a lot from its budget. It can be noted that some specializations cannot rely 100% on the application in education, but it can be relied upon to a large extent, and the practical aspects remain either interactive, or through attendance at the universities and institutes' websites.

• **Warning applications:** There are those who disturb the mind and those who encourage people to do what disturbs their minds. We need applications that are easy and accessible and show the harms of everything that disturbs and corrupts the mind, whether it is intoxicants such as alcohol and drugs, or other things that affect the thinking process, such as some electronic games, which cause people to become distracted, have difficulty concentrating, and have weak thinking. On the other hand, it guides and indicates what develops and directs the mind. There are some games that develop mental ability in calculations, logical thinking, or sequential thinking, and develop the ability to think. Such applications, if led by specialists, will serve large segments of society and will make parents feel reassured about their children and guide them to it, instead of the fear that they have of leaving the young and the child with applications with unknown goals and purposes.

• **Applications that develop logical thinking:** Logic is a science that develops logical and sequential thinking, so that it leads to new results through its premises, and the process of deduction and analysis is a process that requires special skills, and these skills are acquired through learning, and a sound mind is the mind that carries out the thinking process in a correct way, so that the premises in its hands lead to new results, which it can use in a new thinking process, and derive new results from them, and so on.. Science is cumulative, and we need applications that develop these skills in a broad sector of Muslims; because it is not possible for all Muslims to be capable of deduction, analysis and obtaining results; but the expansion of the circle of thinkers in society indicates the awareness of the people.

Fourth priority: Imagine stopping at Applications Serves a purpose Preserving the offspring:
Artificial intelligence applications can preserve the offspring in terms of existence, and prevent what may harm it, so we take care of it in terms of nonexistence, in many ways, including:

• **Warning applications:** Today's world has become open, and no matter how conservative a society is, some behaviors and morals that harm offspring can creep into it. We need applications that warn against everything that harms offspring, such as adultery and its preliminaries. The trend in our time is great to facilitate all preliminaries of immorality, as well as to warn against committing the

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(1) See: Artificial Intelligence for the Public Good, (17).

immorality of the people of the Prophet of God, Lot, peace be upon him. The trend is strong in this era, and this undoubtedly harms the purpose of preserving offspring. There can be applications to prevent any substance that harms this purpose, whether the application is general and sponsored by countries and governments, or specific to those who want to prevent such substances from their devices and the devices of those they support. There can be applications that show the harm to those addicted to these immoralities, and to show their worldly and religious danger, and applications that reveal such substances and others.

• **Applications for reproductive counseling:** To preserve the offspring in terms of existence, we need awareness applications, whether interactive or not, to encourage people to have children, as the Prophet, may God bless him and grant him peace, said: "Marry the loving, fertile woman, for I will outnumber the nations through you." [1]

• Family care applications: The fetus in its different months needs care to be healthy, and the mother also needs this care, so the application guides her with the appropriate food, supplementary vitamins, and appropriate exercise according to the months, and continuously monitors the fetus's growth; all of this can be done through some applications and appropriate x-rays.

We also need applications for child care in the early stages by specialists, in which the father or mother presents the child's problems, whether physical or psychological, and receives appropriate guidance, and applications specific to the breastfeeding mother..., and other things that the family needs.

• **Applications to facilitate marriage:** They are supervised by trustworthy Muslims, because the issue of marriage requires someone to protect it and know its value. So, there are applications in which those who wish to marry register, then the two parties are reconciled. If both parties like the other's specifications, they are directed to a way to communicate with the bride's family to complete the marriage contract. The information of the people is confidential and only the trustee in the application, or the person wishing to conclude the marriage contract, can see it.

• **Applications to help those about to get married with wedding equipment:** Those about to get married need equipment to hold a wedding ceremony, as required by customs and traditions, which does not violate Islamic law, such as speakers and a wedding platform, and the bride's things such as clothes, jewelry and decorations, and the groom's things such as clothes and decorations. All of these can be organized by donors and made into an endowment; however, organizing them can be done through some applications, which arrange priorities and free time, and even force the hearts of those about to get married, so that they do not feel that they are less than others, so a wedding ceremony is held for them like their peers, and their broken souls are mended.

Fifth priority: Imagine stopping a tApplications Serves a purpose Save money:
Artificial intelligence applications can save money in terms of existence, and prevent what may harm it, so we take care of it in terms of nonexistence, in many ways, including:

Applications to teach merchants about trade and its duties: Owners of money need their transactions to be legitimate, so we need an application that shows them legitimate transactions and prohibited transactions, and collects for them the fatwas of major bodies in the Islamic world related to transactions, in an easy-to-search way, making it easy for them to reach the legal ruling on financial transactions, especially contemporary ones. It is better for the application to provide the option of interaction for issues that do not have an answer, or whose form differs from the form in the existing fatwa, so that there is a group of fatwa experts around the clock in rotation to answer questions, whether as a donation or for a fee paid by the donor, or from the application's money if the application is for a small fee, or has a return by any means, such as advertisements or other.

Applications that help professionals: Society needs specialized applications, such as applications that help farmers and livestock owners, and others for professionals. Even employees need insight into what is permissible for them and what is not. These applications should help each category, by developing the money they have in their hands without entering into what is forbidden or prohibited, and clarifying their duties, such as calculating zakat and other rulings.

There are applications that farmers benefit from in early detection of crop diseases and problems, and improving agricultural inputs and returns in general, by reducing the use of water, fertilizers and pesticides that harm crops, soil and the environment, and providing food to livestock at the specified time and in the appropriate amount, and applications for monitoring fish farms and marine creatures. [2]

Applications to facilitate trade: Society also needs applications that walk with beginners in every profession from scratch to the end, explaining to him how to start, how to maintain and develop what

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(1) SunanAbiDawood, (2/220), No. (2050), and Al-Albani said: "Sahih." As-Silsilah As-Sahihah (1/578), No. (287).

(2) See: Artificial Intelligence for the Public Good (17).

he has, what are the risks of trade, which trade doors he can start with, how to obtain guaranteed profits, and other basics. Some of these applications can be interactive, as there are specialists who have advice that if the beginner does it, he will benefit and grow his money. These applications are not only useful for the individual, but also for society, as every individual who can support himself and his family is considered a useful building block in society, and reduces the number of those in need.

Warning applications: Just as we need applications that show what destroys money and warn against it, such as the types of tricks used by fraudsters, and with the expansion of life's fields and methods, the tricks and methods of fraudsters have expanded. There is electronic theft, and here are tricks that make the owner of a lot of money bankrupt in a single moment, and warning against these tricks and these methods is to preserve money from nonexistence.

Applications to monitor a person's money: such as applications to protect the home, and monitor the dangers it faces, such as thieves, leaking gas or exposed electricity, and wasted water.

Sixth priority: Imagine stopping at Applications Serve The rest of the objectives of Sharia:
After the applications for the five advanced colleges, we can consider what is below them that serves other purposes, including:

1.   **Applications for purposeful entertainment:** such as creating applications for entertaining children's series, and purposeful adult series, aiming to instill values and morals.

2.   **Applications for organizing donations and endowments:** such as organizing and distributing clothes, organizing and distributing books, whether they are educational or specialized scientific books, or general or religious books, or furniture or other things that can be dispensed with and benefit a class of the poor and needy.

3.   **Early warning applications for forest fires or other pandemics:** This can avoid many natural disasters that may claim dozens and hundreds of lives. Anyone following world news will find out how countries suffer from these disasters. Artificial intelligence can be used to solve some of these problems by analyzing simulation data, time and action data related to events and weather disasters in a specific area, which makes disaster preparedness available in sufficient time, and helps in early warning and response to expected damages or anticipating them. [1]

4.   **Applications of information analysis**, questionnaires, numbers and statistics: In many fields, workers in them, whether on a state scale or on a private institution scale, need to analyze large information, questionnaires, numbers and statistics that take a lot of time from the specialized human element, while all of this can be done with some artificial intelligence applications with the push of a button, after entering the information, and this can be used in the charitable sector in many fields.

Finally: These are some of the priorities, and there are many more. There are also many areas that can be served by endowment artificial intelligence applications that alleviate or meet the needs of society. These are some of them, but not all of them. Perfection belongs to God, and praise be to God, Lord of the Worlds.

Main findings and recommendations:
Results:
•   The purpose of the endowment for artificial intelligence applications is to allocate money that is reserved for those who hope for the good of the hereafter, and to use it to finance artificial intelligence applications that serve Islamic law and its objectives. The application is treated as an endowment, and its benefit is for those who are entitled to it based on the declaration and desire of the endower.

•   There are priorities that must be taken into consideration when endowing artificial intelligence applications, which are represented in the rank of the endowment objectives..

•   Scholars must guide the donors to what serves the major universals, such as smart applications to preserve religion, life, mind, offspring, money, and the rest of the universal purposes.

Recommendations:
-       The researcher recommends activating the role of objectives in the legal endowment.
-       He also recommends establishing a global body or institution for the legitimate endowment so that the endowment is distributed and ensured that it is not repeated in some areas and that optimal benefit is gained from it.
-       Coordinating the bodies working in the endowment to benefit from each other's expertise.

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