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# Study on the Integration of Mobile Applications Into Governance Frameworks: A Study

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### **Abstract**

M-Governance has been viewed as a tool that would facilitate the process of empowering citizens, which is something that has been under discussion for decades in democratic countries that belong to the globalized world. It is viewed as a tool that will help facilitate such a process in a way that will be beneficial to the citizens themselves. It is deeply ingrained in the idea of democracy that citizens should be able to access government services online at any time of the day. This is because they should be empowered as a result of being able to do so. There are several pertinent issues that need to be addressed in this process, including the privacy of citizen data, the sharing of that data across countries, as well as the equal access to electronic services throughout the world, in order to make this process successful. In this study, we explore using a critical discourse analysis the perception of mobile governance as a catalyst for empowering citizens in the global advancement towards electronic democracy on the basis of a critical discourse analysis of mobile governance as a catalyst for empowering citizens in the global advancement towards electronic democracy. What role does mobile governance play in facilitating democracy in developing countries, where there are not enough resources to make it possible for every citizen to access mobile governance.

Keywords: Society and technology, mobile apps, governance, m-government, e-government, mobile apps and governance, m-governance

#### Introduction

There are several ways in which mobile apps can be used to address some of the most pressing health issues that exist today through the use of mobile apps, and there are many ways in which they can be used to address these issues. It is also part of these services to raise awareness about the importance of clean drinking water, birth control, maternal health, stunted growth, and other primary health care services such as emergency treatment available as part of these services. Whenever possible, I believe that whole-of-government approaches should be used in the design and implementation of mGov in order for it to be successful and for it to be a success. It may be challenging to involve all divisions of the government, but it will be worthwhile for the government to coordinate across all divisions of the government, since this

will result in less duplication of efforts, which will make it more efficient to coordinate across departments and agencies of the government. Citizens will derive the most benefit from a process that is more cohesive at the end, as it will be they who will reap the greatest benefits from the end result of the process when it is implemented. Last but not least, it is of course important to keep in mind that the participation of the citizens and the citizens' organizations has to be taken into consideration during the process as one of the factors that must be taken into consideration.

### Critical literature review

During the course of this critical discourse analysis, we have identified a number of poignant issues related to m-governance and the use of ICTs as tools for enabling democracies. At the outset, it seems that the concept of democracy and the concept of m-governance are relevant to different levels of development in developing countries compared to developed countries. In a democracy that is in the process of developing, m-governance might appear like an appealing option to deploy, but the lack of infrastructure and uneven distribution of education could adversely affect the idea of m-governance as a cost-effective option. There is a possibility that it is not correct for people to claim that the electronic governance system is actually facilitating democratic governance, unless there has been a 100% literacy rate achieved for everyone and infrastructure has been put in place to support the ICT deployment.

There is a potential conflict between the argument for m-governance in the case of developed nations and the principles of democracy itself when it comes to m-governance when it comes to the concept of m-governance. In order to increase security and citizen participation in the democratic process, m-governance necessitates the collection and storage of citizen data in the interest of democracy in order to strengthen security and citizen participation in the democratic process. The emergence of a globalized world is resulting in the increased sharing of data between nations, as well as the misuse of that information, which is causing privacy concerns for the citizens of these nations in an era in which dual citizenship is the norm.

The dark side of m-governance is its potential to facilitate or inhibit democracies through the electoral process in a completely different manner than the manner in which it facilitates or inhibits government. It is thought that it has been used in one nation to manipulate (thus inhibit) democracy, while it appears to have been used in another nation to facilitate it. Throughout the former country, m-governance has been used to control the flow of information, shape public opinion, and manipulate election results using the flow of information. The latter country, on the other hand, has been able to make use of m-governance in order to enhance public access to information, to increase transparency and accountability, and to assist citizens in participating more actively in the election process owing to m-governance.

There is a need for us to create a bridge between what the people want and what the politicians want if we are to improve the interface between the people and the politicians. This is the only way for politicians to be able to achieve a balance between their vested interests and the common interests of the public when this bridge is built. In order for politicians to be able to reach this goal, they must recognize the importance of developing their countries in order to ensure that they will be able to achieve their goals, and they must also be prepared to acknowledge that the ultimate gain will go to the people, as well as a more stable political system. If politicians are able to reach this level, the political system will be able to become more stable. Consequently, the more educated, energetic, and dedicated people will be attracted to politics as a result of this situation where we will be heavily dependent on the completion of development works and the redress of people's grievances through mobile technology. Alternatively, the criminalization of politics will be replaced by the politicization of crime as a result of the criminalization of politics. At the moment, it is clear that the current situation calls for a pragmatic shift in order to accommodate the concerns of the common people who are currently being adversely affected by the bad power politics that are rife at the moment in the country. For technology to play its part in reversing this situation, it must be used in a way that promotes the interaction of the public with the political process and, as a result, enhance the democratic process itself.

## **Current Perspectives**

During the present era of technological advancements, it has been observed that the use of technology in business and commerce has expanded well beyond its traditional uses that have been associated with it in the past. A very positive development has also been observed in recent years with regard to the convergence of government issues and it, which is also a very positive, which has been observed in recent years. As democracy continues to function properly, it has become increasingly necessary for the technology used to conduct voting and referendums, both of which are crucial components of democratic governance, to become increasingly accessible to the population not only electronically, but also by means of mobile devices, which are portable and can be carried with people wherever and whenever they are required. Another example of mobile governance is the provision of government services to citizens on demand at their doorsteps in response to their personal requests when they request them. In order for the government to be able to provide you with services, this is why it is important to do this. Due to this improvement in the quality of life for these people, it has resulted in an improvement in the quality of their life. With the implementation of m-Government, it is expected that governance matters will be dealt with in an open, flexible, and free manner, and as a result of this, there will be a greater connection between the government and the citizens, which will result in a more open, flexible, and free environment.

The significant differences between Internet access and mobile phone penetration have resulted in a significant gap between Internet access and mobile phone penetration, resulting in m-governance becoming a reality around the world due to the significant differences between

Internet access and mobile phone penetration. As a result of this difference in Internet access and mobile phone penetration, m-governance has become a reality around the world. There has always been a strong connection between electronic government and modernized public administration ever since the beginning of modernizing public administration, as m-government has always been one of the most comprehensive systems that has been developed in the world when it comes to both technological and social aspects of governing.

The fact that m-governance applications are becoming more and more popular all over the world is evidence of the fact that governments around the world have a number of opportunities to improve their services and to minimize their costs by implementing m-governance applications within their infrastructures. Thus, it can be argued that by increasing the efficiency of an organization, M-government applications can also be able to increase its effectiveness in a variety of ways in order to increase its effectiveness in a variety of ways. In order to accomplish their duties, it is becoming increasingly common for public authorities to use a wide range of applications in order to accomplish their goals. Technology assists our citizens in a wide variety of ways, including keeping them informed about traffic conditions, assisting them in emergency situations, notifying them about tax payments and bill payments, conducting field inspections and even tracking criminal vehicles. This is just a few of the things that we do to help the citizens of our communities.

There are four dimensions by which government services can be classified in the digital age. These four dimensions can be segmented into different categories in terms of these four dimensions by which they can be classified. There is a need for us to pay attention to them in order to ensure that they are taken care of. Using these efforts, government employees in the field are going to be able to take advantage of mobile technologies and applications, as well as smart and flexible ways of working, as a result of the conversion of eGovernment services to mobile platforms. Using any mobile device, citizens will be able to access citizen services from anywhere in the world through the delivery of citizen services. In accordance with a recent study conducted, it was found that governments all over the world are now looking for a strategic approach when it comes to implementing mGovernment services. This is so that silos of solutions can be avoided in the implementation of mGovernment services by preventing them from forming across different departments and authorities. As a result of this, citizens will now be able to access government services in real-time, while saving both time and money by being able to access them in real-time. Furthermore, it will be able to reduce paperwork and bureaucracy, as well as enhance the transparency of government operations through a reduction in paperwork. Moreover, e-voting, e-commerce, and e-learning could all be offered as an online service through the use of this technology.

#### Conclusion

Citizens of multiple nations may be subject to different laws and policies that may not be consistent across all of them as they may be citizens of different nations. Having dual

citizenship could pose a conflict of interest for those who have dual citizenship, since they may support certain policies in one nation that may not be acceptable in the other nation in which they have dual citizenship. As a result, there could be issues with the sharing of data and the misuse of information as a consequence, which would be problematic for any democracy. In this study, a number of poignant issues related to the notion of m-governance, as well as the role of ICTs in enabling democracies, were highlighted in the critical discourse analysis of the paper. First and foremost, it is important to note that in developed and developing democracies, the concept of democracy and m-governance seem to have different meanings. Despite the fact that m-governance techniques seem to be an extremely cost-effective option in a developing democracy, limited infrastructure and an unequal distribution of education adversely affect the concept. The assumption that e-governance facilitates democratic governance cannot be made unless full literacy of all the people and infrastructure that can support the deployment of ICT can be achieved, which includes people with disabilities. It could be argued that the argument for m-governance in developed countries goes counter to the principles of democratic governance. In order to ensure the safety and participation of citizens in political and governance processes, the concept of m-governance necessitates the gathering and storing of citizen data. As a dual citizen in a globalized world such as the one we live in today, it raises concerns about the sharing of data between countries and the misuse of their personal information. As a result, m-governance appears to have a different impact when it comes to facilitating or impeding the process of democracy through elections according to how much it impacts m-governance. In order to critically examine the concept of democracy itself, it might be necessary to take a close look at it.

#### References

Akki, Abdulkader S., and Fred Haber. "A statistical model of mobile-to-mobile land communication channel." *IEEE transactions on vehicular technology* 35.1 (1986): 2-7.

Anderson, Soren, et al. "An adaptive array for mobile communication systems." *IEEE transactions on Vehicular technology* 40.1 (1991): 230-236.

Baisya, Rajat K., and Siddhartha Paul Tiwari. "E-governance Challenges and Strategies for Better-managed Projects." *Emerging Technologies in E-Government* (2008): 203-208.

Brookhuis, Karel A., Gerbrand de Vries, and Dick De Waard. "The effects of mobile telephoning on driving performance." *Accident Analysis & Prevention* 23.4 (1991): 309-316.

Chung, Jiyoon, and Hyun Seung Yang. "Fast and effective multiple moving targets tracking method for mobile robots." *Proceedings of 1995 IEEE International Conference on Robotics and Automation*. Vol. 3. IEEE, 1995.

Crowley, James. "Navigation for an intelligent mobile robot." *IEEE Journal on Robotics and Automation* 1.1 (1985): 31-41.

Gerla, Mario, and Jack Tzu-Chieh Tsai. "Multicluster, mobile, multimedia radio network." *Wireless networks* 1.3 (1995): 255-265.

Gilpin, R. K., S. S. Yang, and G. Werner. "A recent review of secondary mobile phase modifiers used to enhance the chromatographic analysis of pharmaceuticals." *Journal of chromatographic science* 26.8 (1988): 388-400.

Hwang, Min-Shiang, and Wei-Pan Yang. "Conference key distribution schemes for secure digital mobile communication

Lee, Chau-Jen, and Bao-Ru Yang. "Extraction of trivalent europium via a supported liquid membrane containing PC-88A as a mobile carrier." *The Chemical Engineering Journal and the Biochemical Engineering Journal* 57.3 (1995): 253-260.

Li, Fu, Heng Xiao, and Jin Yang. "On channel estimation for RAKE receiver in a mobile multipath fading channel." *Proceedings of ICASSP*'94. *IEEE International Conference on Acoustics, Speech and Signal Processing*. Vol. 4. IEEE, 1994.

Rahuel, J. L., et al. "Modeling of riverbed evolution for bedload sediment mixtures." *Journal of Hydraulic Engineering* 115.11 (1989): 1521-1542.

Recchia, Gavin D., and Ruth M. Hall. "Gene cassettes: a new class of mobile element." *Microbiology* 141.12 (1995): 3015-3027.

Tiwari, Siddhartha Paul. "Information and communication technology initiatives for knowledge sharing in agriculture." *Indian journal of agricultural science* 78.9 (2008): 737-747.

Tiwari, Siddhartha Paul. "Strengthening E-Commerce Product Launches-Improving Efficiencies from Development to Production." *Project And Technology Management Foundation (A Non-Profit Organization) Member of Asia Pacific Federation of Project Management* 1.2 (2015): 4-6.

Tiwari, Siddhartha Paul, and S. P. Tiwari. "Is export-oriented and currency dynamics-based Indian soybean revolution environment-friendly?." *CURRENT SCIENCE* 114.8 (2018): 1604.

Tiwari, Siddhartha Paul, and Rajat K. Baisya. "E-governance and its impact on enterprise competitiveness: Trends, Status and Challenges." *MDI, Gurgaon INDIA in Association with Australian Centre for Asian Business, University of South Australia, Adelaide, AUSTRALIA* 1 (2014).

Tiwari, Siddhartha Paul. "Business: Innovation & Survival, by a Googler." (2015).

Tiwari, Siddhartha Paul. "Exploring the Linkage between a Successful Digital Campaign and Gaming." *Casual Connect, Asia Pacific, Singapore* 1.1 (2014): 5-6.

Tiwari, Siddhartha Paul. "Diversity and its importance in today's corporate environment." (2015).

Tiwari, Siddhartha Paul. "Editorial: Project and Technology Management Foundation (PTMF) Newsletter (June, 2015)." (2015).

Tiwari, Siddhartha Paul. "Editorial: Project and Technology Management Foundation (PTMF) Newsletter (December, 2014)." (2014).

Tiwari, Siddhartha Paul. "Knowledge Sharing and Content Creator Best Practices Online." (2015): 5-12.

Tiwari, Siddhartha Paul. "Workshop on Digital Marketing: Credit Course, IIM, Indore." (2010): 1-24.

Tiwari, Siddhartha Paul. "External factors which shape and influence an organisation's operating environment." *Syngenta Workshop on Social, economic, political, technological & environmental trends, Singapore*. Vol. 1. 2016.

Wey, Jyhi-Kong, et al. "Clone terminator: An authentication service for advanced mobile phone system." 1995 IEEE 45th Vehicular Technology Conference. Countdown to the Wireless Twenty-First Century. Vol. 1. IEEE, 1995.

Yang, Jin. "Frequency domain noise suppression approaches in mobile telephone systems." 1993 *IEEE International Conference on Acoustics, Speech, and Signal Processing*. Vol. 2. IEEE, 1993.

Yang, Shengping, Michael Faulkner, and Roman Malyniak. "A tunable bandpass sigma-delta A/D conversion for mobile communication receiver." *Proceedings of IEEE Vehicular Technology Conference (VTC)*. IEEE, 1994.

Yang, Jingyu, and Yong-Ge Wu. "Detection for mobile robot navigation based on multisensor fusion." *Mobile Robots X.* Vol. 2591. SPIE, 1995.