**Optimization of Offloading and Synchronization for Community Development Mobile**

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# Background

Mobile Cloud Computing (MCC) has been attractive topic to be research and development in recent few years. In terms of power saving and giving faster response time from mobile devices, computational process is moved and running on cloud services such as data analytics, image processing, etc. Mobile devices connect to wireless communications such as 3G, 4G or Wifi, then going to internet and cloud finally. Calculating and monitoring of MCC are implemented to ensure quality of service is reliable for service level agreement (SLA) [1].

Today, mobile system plays vital role in Information Communication and Technology for Development (ICT4D) area, and it is growing rapidly. ICT4D which sustains community development in urban and rural area, becomes appropriate area to implement MCC in relation of effective and efficient process among community, government in health, education, child protection and even emergency response. Those could be effective if system can runs functions among online and offline status. Offline status would be very helpful in data gathering in remote area. Data gathering covers text, image and video. However, database size, type of data have to be considered by developers when they have willing to put as MCC. Offloading and synchronization have important role when transferring data to cloud.

This paper addresses and describes offloading, synchronization issue which creates inefficiency problem, for example between post term of data gathering and viewing in cloud. The problem is differentiation or gap of data between mobile device and cloud. Some optimized techniques of them which are updated, getting exposure [2,3,4] to speed up transferring image, video. It is related to current and new algorithms, and able to optimizing of current offloading and sync, data gathering in mobile, particularly could be solution for community development mobile.

# References

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**Feedback:**

* The title mentions “.. Community Development Mobile”, which is grammatically incorrect, and I don’t understand what you meant by it.
* Community Development is too broad. Please choose one or two areas as the focus of your writing.
* Grammatical errors are found in this article.