**1. Introduction**

Customer Identity and Access Management to combat Software Piracy control in MCC environment

**MOBI8002 - Mobile Technology & Cloud Computing**

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The number of smartphones today are outnumbering the personal computers, a statistic shows the development of global mobile internet traffic as of the second quarter of 2018. As of that period, 51.89 percent of global web traffic originated from mobile devices, up from 52.21 percent in the corresponding quarter of the previous year. The application platform obviously shift from a desktop based application to web based and now to smartphone or tablet applications. Similar to software privacy in the computer industry, application piracy is prevalent in the mobile phone industry [1].

More than 48,000 iOS pirated applications are available for free download, and out of top 100 iOS applications, 84 are affected by piracy [2]. There are numerous strategies and products for license management in conventional computing paradigm. However, the research on license management in MCC has little been explored, name it PIRAX, a framework for piracy control in MCC environment and specifically on the clone-based offloading approach. The conventional node-locked phenomenon for enforcing piracy control does not prove to be fruitful in the mobile cloud computing environment [3].

The author [3] suggest a ticket based approach which provide better control on the application access. In addition to that, this article suggest another approach to combat the piracy with Customer Identity and Access management solution which handle tighter application and data access control.

**Keywords**: mobile cloud computing, piracy, software license, mobile application, application piracy, application access control

**2. Mobile Cloud Computing Application Models**

**3. Existing Piracy Control Approach and Framework**

**4. Customer Identity and Access Management**

**5. Discussion**

**6. Conclusion**

**Bibliography**

1. How piracy ruins it for paid apps (2013) [http://news.cnet.com/8301-1035\_3-20107572-94/howpiracy-ruins-it-for-paid-apps-inside-apps. 3 Jan 2013](http://news.cnet.com/8301-1035_3-20107572-94/howpiracy-ruins-it-for-paid-apps-inside-apps.%203%20Jan%202013)
2. App Anti-Piracy (2013) http://www.mtiks.com. 7 Jan 2013
3. Ali, Mazhar & Khan, Muhammad Usman Shahid & Abbas, Assad & Khan, Samee. (2015). Software Piracy Control Framework in Mobile Cloud Computing Systems. 10.1201/b19128-8.

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* When you introduce an abbreviation, state what it stands for prior to the abbreviation itself.
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* There is the correct way to include an online article in your references (not just write the hyperlink), please find out how.