## An Anthology of Applied Computer Technologies

Zulkefli Muhammed Yusof M.M Hafizur Rahman



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## AN ANTHOLOGY OF APPLIED COMPUTER TECHNOLOGIES

## **Editors**

Zulkefli Muhammed Yusof M.M. Hafizur Rahman



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# 14. Mobile Data Services in Java 2 Platform Micro Edition (J2ME): MobileOrder

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#### **ABSTRACT**

Mobile devices are gradually becoming commonplace. The computational and networking power of mobile devices are constantly increasing and new technologies are integrated into them to support new functionalities and services. On the other hand, databases and more generally data management is also expanded with new services and applications. Several modern database management systems support small-footprint databases that can be executed on mobile devices and admit disconnected computing and synchronization with a central database. Mobile devices are now integral part of business world and importance of mobile database application is mevitable. This paper is focused on the utilization of J2ME Record Management System (RMS) in Java 2 Platform, Micro Edition (J2ME) and synchronization process with a central Cloudscape database through a development of a mobile database application called "MobileOrder". This application is projected to provide a mobility experience that makes it possible for the user s to make order placement, store order information, and track the status of his or her order from a mobile phone.