

**SOFTWARE DEVELOPMENT FOR MOBILE PHONE  
APPLICATION: CARD DEDICATION (MCARDS)**

This thesis is presented in partial fulfillment for the award of the Bachelor of  
Electrical Engineering (Honours)

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## **ABSTRACT**

This project report entitled Card Dedication or called MCards is about designing and implementing mobile phone application using Java platform which is Java 2 Micro Edition (J2ME). It is best to use Java because it offers an ideal platform for developing mobile commerce applications. MCards is designed to strike a balance between portability and usability. The application is described through mobile phone emulator. Products from Sun Microsystems such as Forte for Java 4 (Forte), Java Development Kit (JDK), and Wireless Toolkit (WTK) were used from the beginning until the end of this project. MCards provides ordering and delivering services where users can simply select an item from the list available on their mobile phone and they can request the card to be send to anyone they like. MCards is just like a normal 3MS (Short Messaging System), where it does not require a GPRS (General Packet Radio Services) and the user got to have a colour phone in order to view the picture of the cards displayed. MCards is developed for the client side only which is for the mobile phone users. That means this project is unable to connect with the service (company that provides the cards) and the network provider.

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