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**MOBILE APPLICATION FOR  
ACADEMIC LIBRARY SERVICES**

A PROJECT REPORT PRESENTED BY

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to the Board of Study in Statistics and Computer Science of the  
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*in partial fulfillment of the requirement  
for the award of the degree of*

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

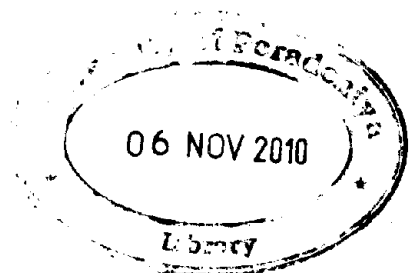
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**UNIVERSITY OF PERADENIYA**

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# **MOBILE APPLICATION FOR ACADEMIC LIBRARY SERVICES**

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Mobile phone usage has changed the most of the activities of day to day lives in many ways. Use of the mobile phone has not been limited only as a communication device between two intended parties. It has been extended as a device to surf internet, as a convenient medium for advertising, and also to carryout essential transactions. This is due to the popularity and the convenience experienced by the users as well as the service providers of the services mentioned above.

The proposed project focuses on mobile application facilitating the library users. The project is been built to provide the functionalities of book search, checking overdue, fines, and renewals and also as a communicating medium of special events proceeding in the library. Furthermore, this caters the mobile phone users in two ways; WAP site for WAP users and Embedded SMS service for non-WAP users with mobile phones with limited facilities.

Open Source Library software has been integrated to obtain the core library functionalities, and has been extended to support the mobile application based on the project scope.

This document contains all the details from the initiation to the conclusion of this project.