



PROJECT REPORT  
PARITTA APPLICATION ON ANDROID  
USING HASH TABLE

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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

PARITTA APPLICATION ON ANDROID USING HASH TABLE

by

10.02.0022 – Devina Apriliani

This project report has been approved and ratified by the Dean of Faculty of Computer Science and Supervisor on 18 July 2014

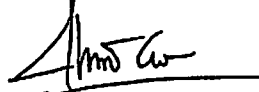
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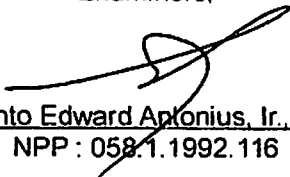
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## STATEMENT OF ORIGINALITY

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Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

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## **ABSTRACT**

*Paritta Chanting Book is a book that contain many sutras from the basic teachings of the Buddha. Sometimes, a huge number of sutras which recorded in only one book makes the Buddhist community must be work hard to find a sutra of a hundred sutras manually.*

*So many sutras should be well organized by a system. It is needed a systematic program based on Android application that can organize all sutras and can give the fast response to get the data information from a data storage. That application also can be brought anywhere and can be used anytime too.*

*This application is used to display data searching, the Indonesian word as the key of searching be stored in linked list which is consist of Pali word for the result of translating from Indonesian word. Then the result of translation from Indonesian word to Pali word will be search again to linked list of Paritta which is consist of the Paritta's title and the content of Paritta's title. The linked list itself has the advantage in the allocation of memory, so the data can be accommodated as much as we want.*

*This application also use hash table to accelerate the search time. The hash table also can accommodate string data to match the exciting data in the linked list.*

*Keyword : Hash Table, Linked List.*

## FOREWORD

This project is dedicated to all of the Buddhist community for feel effective and efficient of take the Paritta Chanting Book through an Android application. So that application can be brought anywhere and can be used anytime too. The project also giving a new experience of Android programming and has improved the knowledge of the data structure. I couldn't finish this project and report without help of Bodhisattva and people who always give me supports and encourages. So in this opportunity, I would like to thank :

1. Bodhisattva for blessing me.
2. My parents, my sister, my brother and all of my family for all supports.
3. My beloved Budi Gunawan and Venezia Rose, who always give me support and all of my friends that I can't mention all the names.
4. Mrs. Shinta Estri Wahyuningrum as my supervisor for guide me while I made this project and also Mrs. Rosita Herawati who gave me idea about this project.
5. All lecturers in Faculty of Computer Science and all people that I can't mention all the names.

Finally, I would like to apologize if I made many mistakes in finishing the project and writing this report. Therefore, any critics and suggestions about this project I will receive it with pleased.

Semarang, July 12<sup>th</sup> 2014



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