



PROJECT REPORT
DOUBLY LINKED LIST VISUALIZATION
USING JAVASCRIPT AND HTML5

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13.02.0080

Faculty of Computer Science
Soegijapranata Catholic University
2017

APPROVAL AND RATIFICATION PAGE

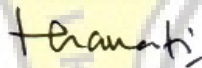
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by

AFFRI PRAYITNO – 13.02.0080

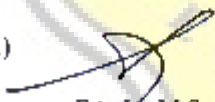
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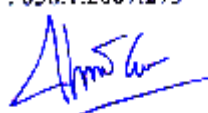
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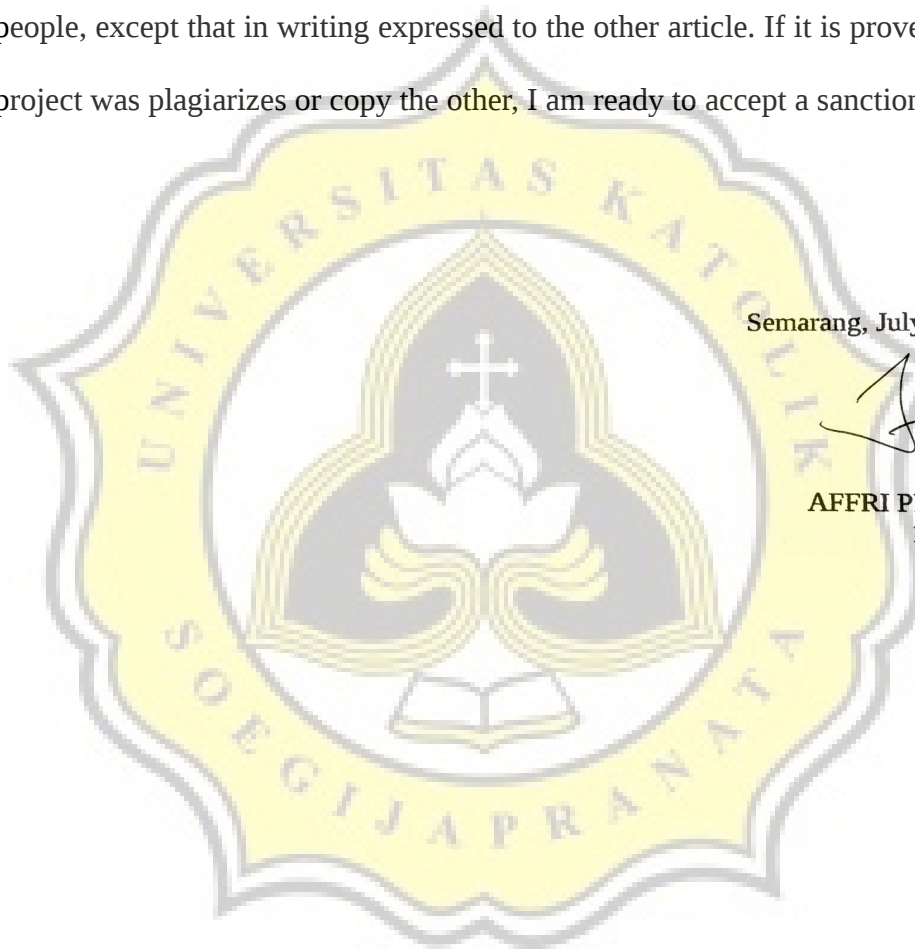
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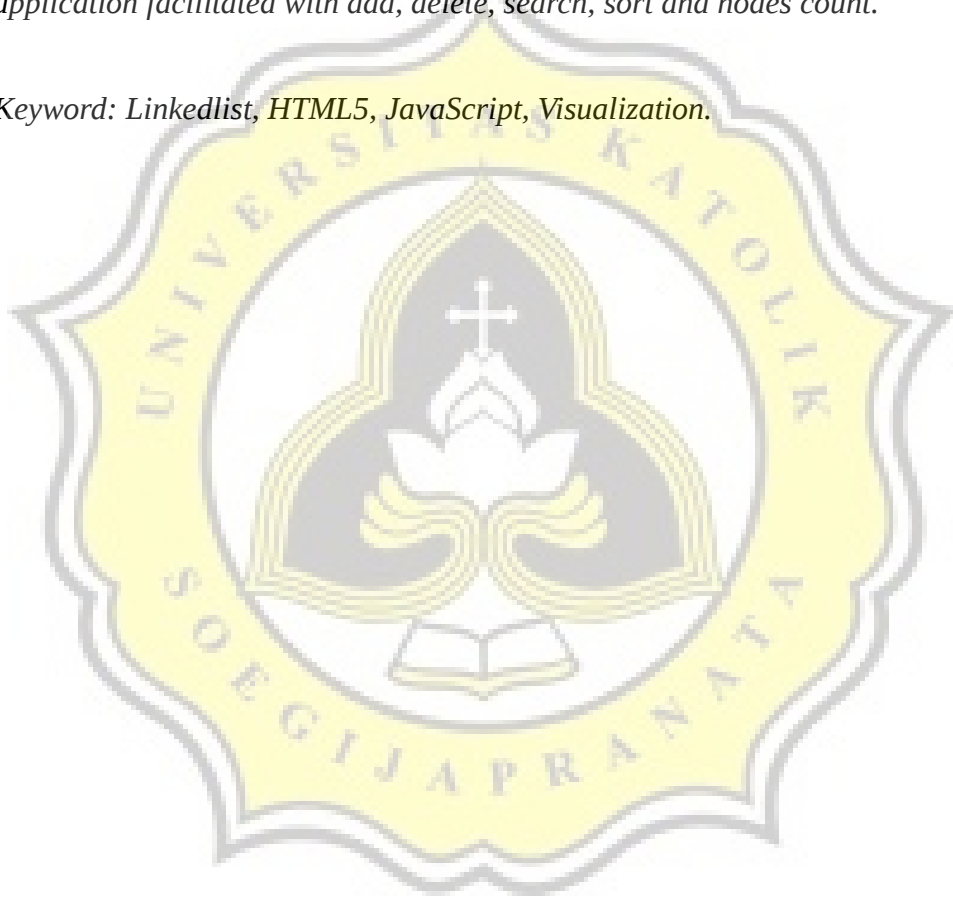
ABSTRACT

Linkedlist is one of learning materials in informatics engineering. Many students have difficulty in studying linkedlist. Therefore, visualization media is needed to facilitate the linkedlist learning.

This project creates visualization media to make linkedlist learning easier. This project uses HTML5 and JavaScript programming language. This project focusing on doubly linkedlist data structure.

The result of this project is doubly linkedlist visualization application. The application facilitated with add, delete, search, sort and nodes count.

Keyword: Linkedlist, HTML5, JavaScript, Visualization.



PREFACE

This project contains the processes of creating linked list visualization. Chapter one in the project contains problem solving, scope and the goal of the project. Chapter two discusses the literature study, in this chapter contains about some book and journal which supports this project.

Chapter three contains steps to create this application, from the start until this application can be use in accordance with the objective which expected. In chapter four discusses about analysis and design in the form of use case and flowchart diagram.

Chapter five discusses the coding implementation about this application and show the testing result from this application. In chapter six is conclusion from this application and suggestion for the further research.

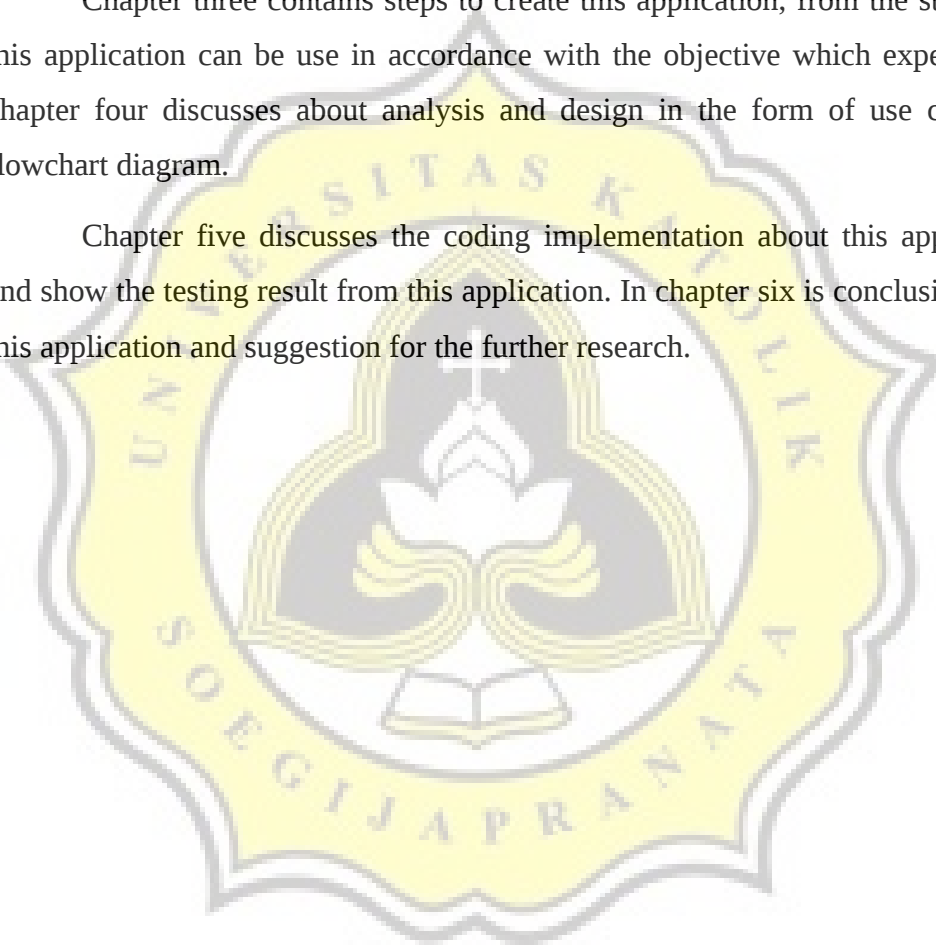


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