





PROJECT REPORT

Multithreaded Chat Application

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APPROVAL AND RATIFICATION PAGE

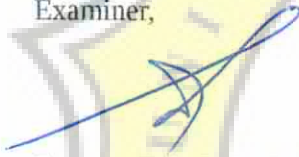
PROJECT REPORT

Multithreaded Chat Application

This project report has been approved and ratified by the Dean of faculty of Computer Science and Supervisor on July 19th 2013

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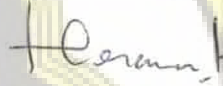
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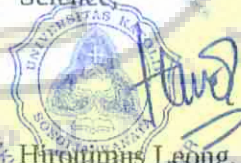
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STATEMENT OF ORIGINALITY

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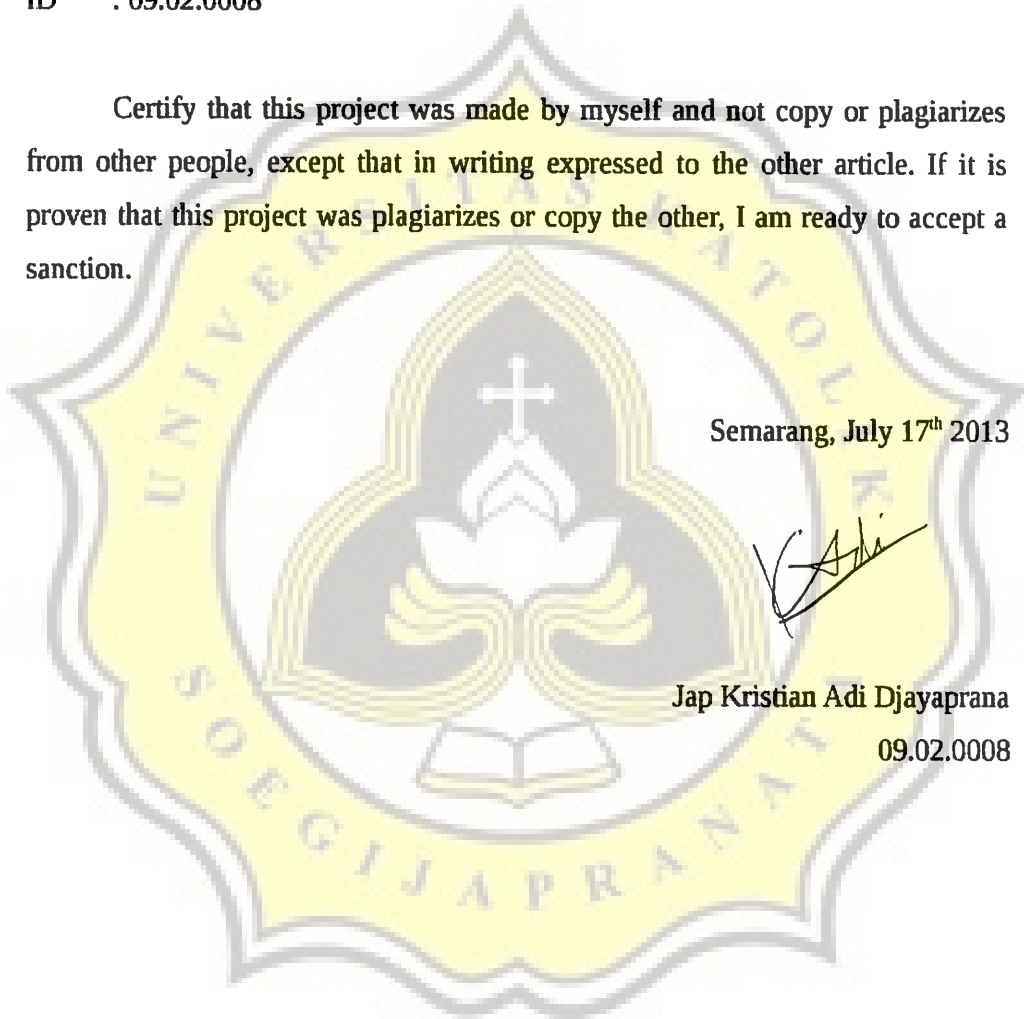
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Semarang, July 17th 2013



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FOREWORD

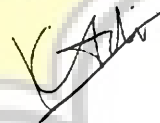
Firstly, I want to give thanks to my God for His guidances, I finished this project which the title is:

Multithreaded Chat Application.

In this opportunity, I would also thanks to:

1. My parents, Wibowo Djayaprana and Tjoe Tjoe Utari, my brother Jap Ryan Rinaldhi Djayaprana, and my sister Kristia Mayangsari Djayaprana for their pray, attention, and support.
2. Mrs. Rosita Herawati as my supervisor, for his advices and support that motivated me to finish this project.
3. All lecturers in Faculty of Computer Science.
4. All of my friend in IKOM and they who share the same feeling in this project assesment.
5. Faculty of Computer Science Soegijapranata Chatolic University.

Semarang, July 17th 2013



Jap Kristian Adi Djayaprana

09.02.0008

ABSTRACT

This multithreaded chat application is combining client – server communication and peer to peer methods. The multithreading is to separate and execute the different processes inside the application. Client – server communication is used to centralize and identify all clients which connect to server. Peer to peer method is used to simplify the work of the server. This method is also used to make the communications between each client occurs within client itself. In peer to peer method, the communications doesn't pass through the server.

And also, this multithreaded chat application can be used on intranet connection. This application can handle multiple client. This application can be accessed by computer.

Keywords : chat, multithreading, client – server communication, peer to peer

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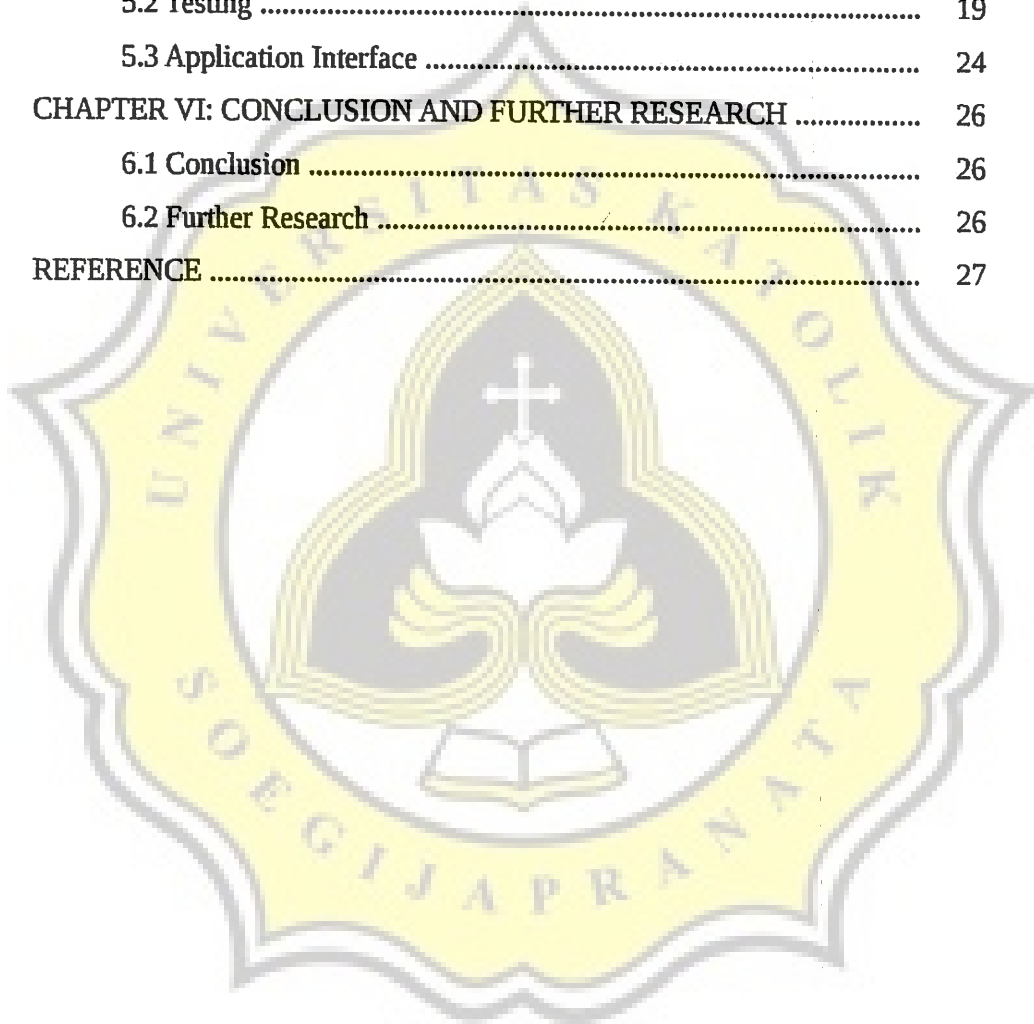


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