

**PENERAPAN METODE *EXTREME PROGRAMMING* PADA APLIKASI
PENGOLAHAN DATA ALAT KERJA BENGKEL TRUK
BERBASIS WEBSITE
STUDI KASUS PT SUMBER PRIMA INTI MOTOR**

SKRIPSI

Program Studi Teknik Informatika



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FAKULTAS TEKNIK

UNIVERSITAS SATYA NEGARA INDONESIA

BEKASI

2022

APPLICATION OF EXTREME PROGRAMMING METHODS IN TRUCK

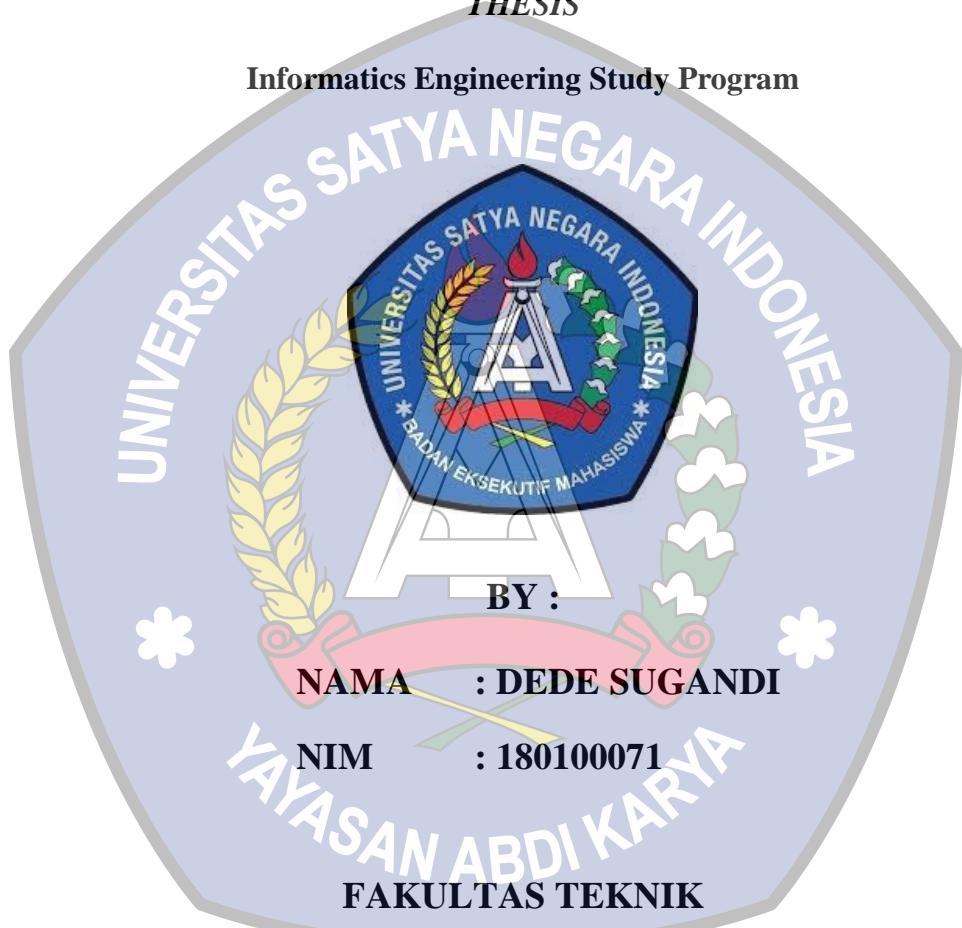
WORK EQUIPMENT DATA PROCESSING APPLICATIONS

SITE BASED

CASE STUDY PT SUMBER PRIMA INTI MOTOR

THESIS

Informatics Engineering Study Program



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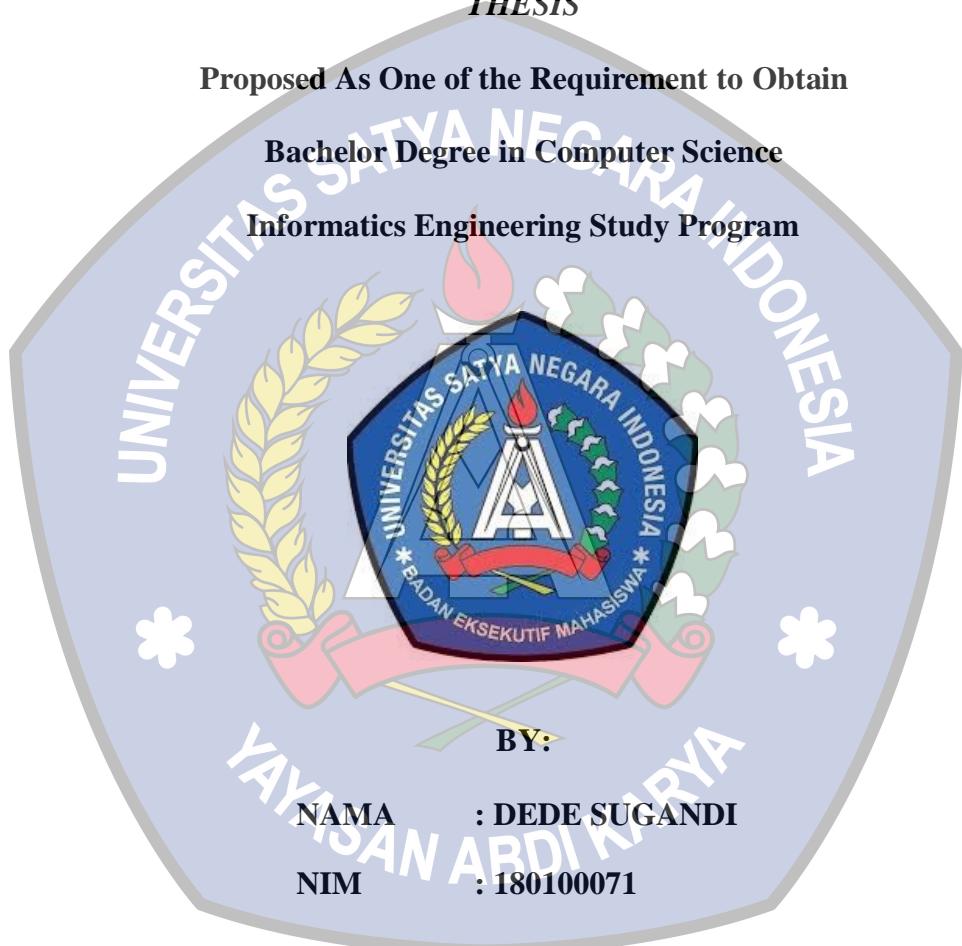
PT SUMBER PRIMA INTI MOTOR

THESIS

Proposed As One of the Requirement to Obtain

Bachelor Degree in Computer Science

Informatics Engineering Study Program



FACULTY OF ENGINEERING

SATYA STATE UNIVERSITY OF INDONESIA

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ABSTRAK

PT Sumber Prima Inti Motor merupakan perusahaan yang bergerak di bidang Jasa Pemeliharaan dan Perbaikan Unit Kendaraan Truk dan Trailer. Di samping pemeliharaan dan perbaikan dibutuhkan alat-alat kerja yang sesuai dengan fungsi dan kegunaan. Alat kerja disimpan dalam ruangan khusus untuk digunakan dan dipinjamkan. Dalam pengolahan dataya alat dicatat secara manual sehingga terjadinya kesalahan data dalam pelaporan barang baik masuk dan keluar, kerusakan alat dan hilangnya barang, serta data alat yang tidak akurat dan terbaru. Oleh karenanya peneliti menerapkan metode *Extreme Programming* pada aplikasi Pengolahan data alat kerja berbasis website. *Extreme Programming* sendiri lebih adaptif dan fleksibel terhadap perubahan. Hal ini dapat mendukung tujuan penelitian dengan penerapan *extreme programming* mampu menghasilkan aplikasi sesuai dengan kebutuhan yakni aplikasi Pengolahan data alat kerja bengkel.

Kata Kunci : *Extreme Programming*, Aplikasi, Pengolahan, Data



ABSTRACT

PT Sumber Prima Inti Motor is a company engaged in Maintenance and Repair Services for Trucks and Trailers. In addition to maintenance and repair, work tools are needed that are in accordance with their functions and uses. Work tools are stored in a special room for use and loan. In borrowing tools, they are recorded manually so that data errors occur in reporting goods both in and out, damage to tools and loss of goods, as well as inaccurate and up-to-date tool data. Therefore, the researchers applied the Extreme Programming method to the web-based work tool data management application. Extreme Programming itself is more adaptive and flexible to change. This can support research objectives with the application of extreme programming capable of producing applications according to needs, namely the application of data management for workshop work tools..

Keywords: *Extreme Programming, Applications, Management, Data*

