



**DEVELOPING WEB-BASED MATERIAL
ORDERING SYSTEM AT PT. PMD**

UNDERGRADUATE THESIS

**Submitted as one of the requirements to obtain
Sarjana Komputer (S.Kom.)**

By:

NABILAH ROBANI RAMDAN

012202000012

**FACULTY OF COMPUTING
INFORMATION SYSTEM STUDY PROGRAM
CIKARANG
JUNE 2023**

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**DEVELOPING WEB-BASED MATERIAL
ORDERING SYSTEM AT PT. PMD**

By

Nabilah Robani Ramdan
012202000012

Approved:



Genta Sahuri, S.Kom., M.Kom
Final Project Advisor



Ronny Juwono, S.Pd, M.T
Program Head of Information System



Rila Mandala, Ph.D.
Dean of Faculty of Computing


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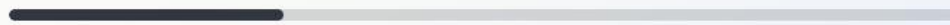
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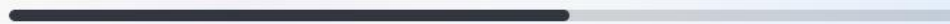
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ABSTRACT

PT. PMD is a manufacturing company that produces automotive components for motorcycles and cars. The manufacture of components for motorcycle and car products, PT. PMD requires parts for the manufacture of components that they will produce. To get parts that will be used to manufacture motorcycle and car components, there are vendors who work to supply the parts that are needed by PT. PMD. In making parts for supply activities to PT. PMD, vendors need materials that will be used to make parts. To provide for the necessary material requirements in making part requests from PT. PMD, the vendor will request material from PT. PMD and PT. PMD will send the material needed by the vendor to make parts. In managing material requests and ensuring the inventory of materials requested by vendors is ready to be sent, PT.PDM often encounters problems for receiving material ordering information. Miscommunication often occurs due to the current process flow, when vendors order materials in the form of memo messages to the procurement team at PT. PMD and human error problems from the procurement team that miss messages from vendors which cause material requests to be poorly conveyed to the PPIC department as the person in charge of production planning and material stock at PT PMD. This is a problem that makes it difficult for PPIC and vendors. With this management system, it is expected to help facilitate communication for request orders in connecting vendors directly with the PPIC department in ordering materials so that the process can run smoothly.

Keywords : manufacture, production, vendor, material, part, order, PPIC

DEDICATION

I want to dedicate my final project for PT. PMD, my family, my computing friends, and juniors who want to use it for research references. And I am hoping that additional people will benefit from this research in the future.

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