



**Development of Web-Based Integrated Management System for PT Grahabuana  
Cikarang (Purchasing, HR and Asset Monitoring)**

UNDERGRADUATE THESIS  
Submitted as one of the requirements to obtain  
Sarjana Komputer

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## SIMILARITY INDEX REPORT

### Thesis Final Project

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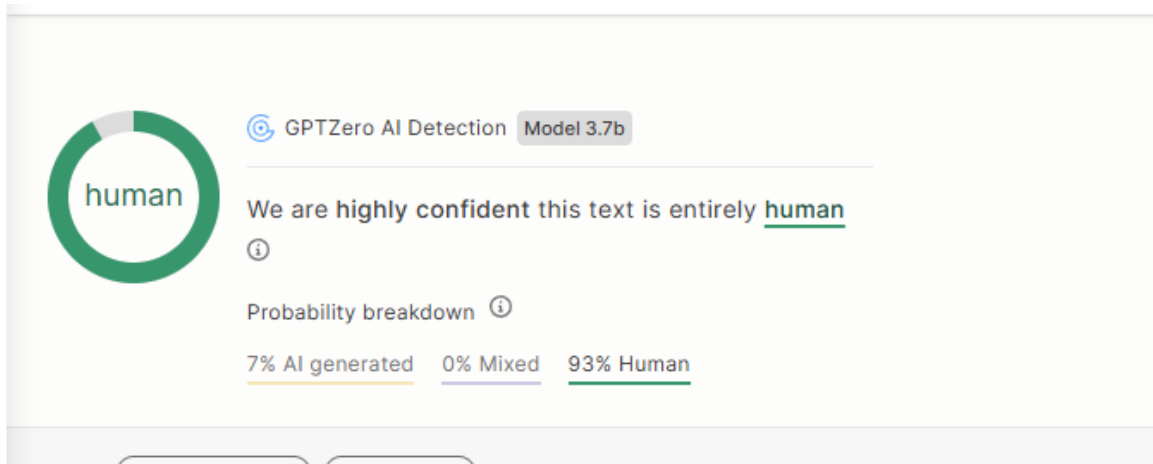
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## **ABSTRACT**

In companies, recruitment, procurement, and asset monitoring are always carried out to support operational activities, but these processes are still separate and manual, requiring a considerable amount of time to complete and prone to data duplication. This research proposes the creation of a web-based integrated management system for PT Grahabuana Cikarang using Laravel 12 and Tailwind CSS technology. The system is designed to integrate a purchasing module for the procurement request and purchase approval workflow, an asset monitoring module to record incoming assets and their condition, and a recruitment module to support the employee request process, including approval from supervisors, candidate selection, and scheduling interviews with candidates. These modules were tested using black box testing methods to ensure that every function in each input and output of the modules aligns with expectations without reviewing the internal code structure. The results of this project can reduce the risk of data duplication and simplify inter-departmental processes. With this modular design, future additions of new features can be made without disrupting existing functionality.

## GPT ZERO



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