

ENTERPRISE RESOURCE PLANNING SYSTEM (ERP) ON COMPANY ERAJAYA BEAUTY & WELLNESS

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Abstract: PT Erajaya Beauty & Wellness is a business vertical within the Erajaya Group operating in the beauty and health industry. EBW imports, distributes, and operates a retail network selling beauty and health products throughout Indonesia. PT Erajaya Beauty & Wellness requires strategic company information. This cannot be achieved without the support of an information system, which calculates daily estimates and calculations. This problem can be addressed by using an ERP system. The purpose of this research is to collect all invoices, purchases order, GRN, items, sales, sales return, and purchase return data from the company immediately during the initial transaction, store, process, and update it in real time. This ensures that employees can share information, and managers can obtain more comprehensive, accurate, and timely information to support decision-making. The research method used was interviews with the company and business process managers at PT Erajaya Beauty & Wellness. Based on observations, after using the accurate ERP system, PT Erajaya Beauty & Wellness can directly control and view the required data in real time, resulting in greater efficiency.

Keywords: *Enterprise Resources Planning*, PT Erajaya Beauty & Wellness

INTRODUCTION

In the retail world, a company begins with a one-year sales forecast, prepared by the sales department. Accurate, long-term strategic data is essential for the company. This cannot be achieved without the support of a system. information, which counts estimation And calculation Every day. Production planning is then integrated with the needs of the sales department, and production requests are then executed. Without the assistance of a system, an organization must process data manually. Documents resulting from business transactions must also be created manually. manual. Matter it is very complicated so that need time extra And A large business. A pharmacy, or commonly called a drugstore, is a branch of business that sells medicines and medical devices and has a cooperation contract with a vendor. or distributor drug as well as tool health. Pharmacy can Also provide interview services And check tension free. Will but on moment That, there is various reason such as financial management, technical difficulties, and poor resource management can slow down the pharmacy business process. Because every system made specifically for one function business and Without integration between systems, inter-area business units within an organization must share data manually. This makes data duplication highly likely.

ERP or *Enterprise Resource Planning* is an information application intended for for company manufacturing and service Which play a role integrate and automate business processes related to operational, production and distribution aspects in the company concerned. ERP or *Enterprise Resource Planning* is a modular software application designed to integrate functional areas main from process business company to in One application Which integrated. ERP standardizes, simplifies, and integrates business processes across departments such as finance, human resources, procurement, distribution, and other departments. ERP features include:

1. *Purchase*

Purchase in the ERP Retail application is a sub-application for searching and purchasing. machine production or other facilities to support smooth running production process. (Gajewski, Drizinsky, Zülch, & Falkenstein, 2016). The Purchasing feature can contain supplier data, shipping costs, or detailed data regarding purchases, such as name, quantity, price and tax imposed on goods.

2. HRM

Human Resources Management (HRM) is a sub-application for managing resources (workforce) within a business (Patel, 2018). The goal of HRM is to maximize monitoring of each individual in achieving business goals.

3. CRM

Customer Relationship Management (CRM) is a business strategy management sub-application that helps design sales prospects and retain customers (Haddara & Constantini, 2017). The purpose of CRM is to gather information about customer needs and behavior as material for application evaluation.

4. Inventory

Inventory is sub-application Which arrange storage material or goods which will used for fulfillment objective business. Inventory is subapplication that an inventory management application must have (Madanhire & Mbohwa, 2016). An inventory management application is a series of control policies to determine the level of inventory that must be maintained.

5. Warehouse

Warehouse or warehousing is a sub-application that functions to store goods in the form of material And results production Which distributed to location on-demand. A warehouse is a sub-application commonly found in manufacturing businesses. It addresses challenges in accurate movement of goods and calculating storage time (Atieh et al., 2016).

6. Finance Sales

Finance Sales is sub-application Which arrange finance and activity sales if carried out by the company. (Fjesme, 2019).

The main benefit of ERP is that all company data is collected immediately during a transaction. initial, saved And processed in a way centralized and updated in a way real This ensures that employees can share information and managers can obtain more comprehensive, accurate and timely information to support decision-making. decision they. By Because That, This increase quality decision-making And ability For utilise opportunity market. Cost transfer information and cost opportunity Because taking decision Which bad reduce And Reduced profitability is improved. Second, ERP standardizes and automates business processes and tracks employee responsibilities electronically. This facilitates governance. company, reduce error man And cost monitoring, increasing efficiency, and making management processes more transparent. Furthermore, ERP can be integrated with a company's e-business and supply chain management systems. This integration with system other automate process purchase And management order, reduce time cycle booking, cost transaction And cost storage inventory, speed up time response to request customer And increase customer satisfaction. Overall, an ERP system can reduce company costs and increase profitability.

Enterprise resource planning (ERP) systems integrate data and processes within an organization. Traditionally, data has been stored centrally in a consolidated database. This database serves as a transaction hub, recording, sharing, and disseminating data across a company's various business departments. ERP vendors consistently promise clients numerous benefits from using their ERP systems. Besides potential cost savings, technical and integration benefits are among the primary goals of adopting an ERP system. operational various function business with synchronize channel information with the flow of goods and services. ERP systems can help increase competitiveness because they have ability reporting timely to management, including cost and operational information needed to make strategic decisions regarding *enterprise competitiveness*.

RESEARCH METHODS

In implementation study This, data taken from company Erajaya Beauty & Wellness located in Jakarta. The first stage is data collection, then the data is analyzed according to the system requirements analysis. The data used in study This obtained with how to do interview with company and *business process manager* from PT. Erajaya Beauty & Wellness. Based on the interview, it was obtained data that includes *invoice*, PO, GRN, *item*, *sales*, *sales return*, and *purchase return*.

Analysis data based on data Which obtained from interview in on, Next, the data is analyzed with the following analysis results: Primary data is data obtained from the company concerned and used by the author to be entered into *the database*. The following is a *database table* that has been provided to accommodate the data:

1. Table Input PO

Code Supplier* (text format)	Name Supplier* (text format)	Date* (DD/MM/YYYY) (date format)	Code Eye Money (text format)	Exchange rate (text format)	No Form #* (text format)	Discount Invoice (number format)		Code Goods* (text format)	Name Goods* (text format)	Quantity* (number format)
1	2	3	4	5	6	7	8	9	10	11
ECI005	ERA CARING INDONESIA, SIA,	02/01/2023	IDR		9108			1610150009	TOTEB AG WELLINGS	300.00

2. Table Input GRN (Reception Goods)

Code Supplier* (text format)	Name Supplier* (text format)	Date* (DD/MM/YYYY) (date format)	Code Eye Money (text format)	No Accept (text format)	No Form #* (text format)	Code Goods* (text format)	Name Goods* (text format)	Quantity* (number format)
1	2	3	4	5	6	7	8	9
ECI005	ERA CARING INDONESIA, A,	January 19 2023	IDR	4901	4901	8100085686	HOTIN DCL EMULSION GE	5

3. Table Input Item

Item Code	Category Item	Item Name	Item Type	Purchase	UPC /B	Unit	Unit #2	Unit 2 Rat
MED-ANORECTAL 1010100006	FACTS SUPPOSITORIES PR BOX	10 SUPPLY INV	PC	101010	LS	PC	10	

4. Table Sales Input

Kode Pelanggan* (text format)	Nama Pelanggan* (text format)	Tanggal* (DD/MM/YYYY) (date format)	Kode Mata Uang (text format)	Kurs (text format)	No Faktur #* (text format)	Diskon Faktur (number format)		Kode Barang* (text format)	Nama Barang* (text format)	Kuantitas* (number format)
1	2	3	4	5	6	7	8	9	10	11

5. Table Input Purchase Return

Code Supplier*	Name Supplier*	Date* (DD/MM/YYYY)	Return From* (RECEIVE, INVOICE, INVOICE_DP, (NO INVOICE))	No Invoice Purchase / No Reception	No Invoice Return	Code Goods*	Name Goods*	Quantity*
1	2	3	4	5	6	7	8	9
1030	NUSA BRILLIANT ETERNAL, TP	4499	INVOICE	PI.EFI.2 022.05.0 0018	601	1218130 073	THE FACE SHOP R.NTR	18

6. Table Input Sales Return

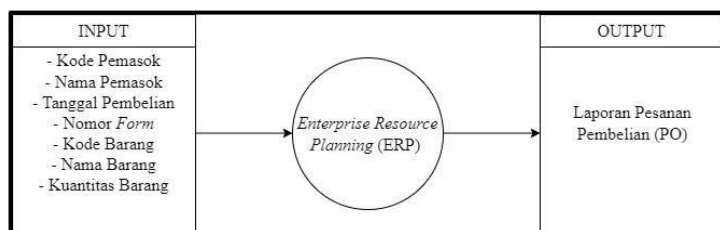
Kode Pelanggan*	Nama Pelanggan*	Tanggal* (DD/MM/YYYY)	Retur Dari* (DELIVERY, INVOICE, INVOICE_DP, NO INVOICE)	No Faktur Penjualan / No Pengiriman	No Faktur Retur	Kode Barang*	Nama Barang*	Kuantitas*
1	2	3	4	5	6	7	8	9
C.00004	WALK IN Wellings Teluk Gc	4499	INVOICE	750825 7508261	1010660027	YAZ.28 TAB X11-BOX		

Model ERP

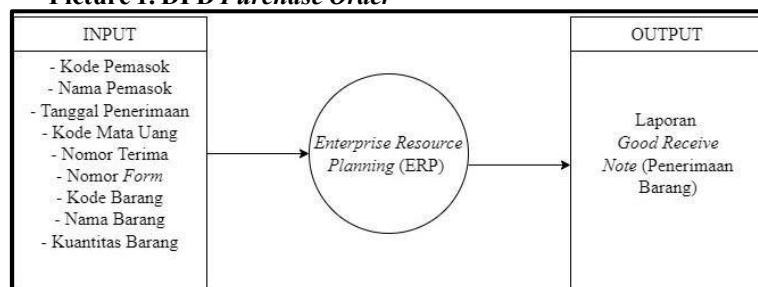
Once the software is clearly defined, its subsequent development is not always linear. Therefore, the *incremental processing method* was chosen to meet the needs of subsequent development, which will always generate new requirements from system and application developers. the system must be able to produce modules new customized with the needs of *the software* .

DFD (Data Flow Diagram)

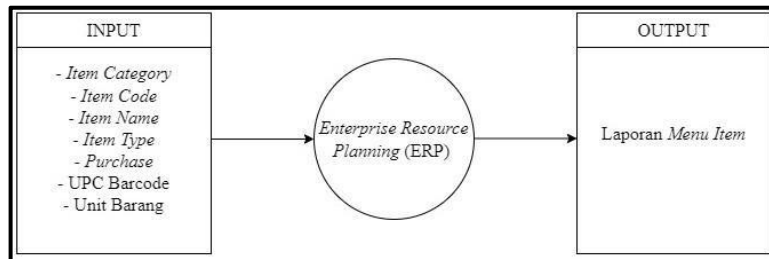
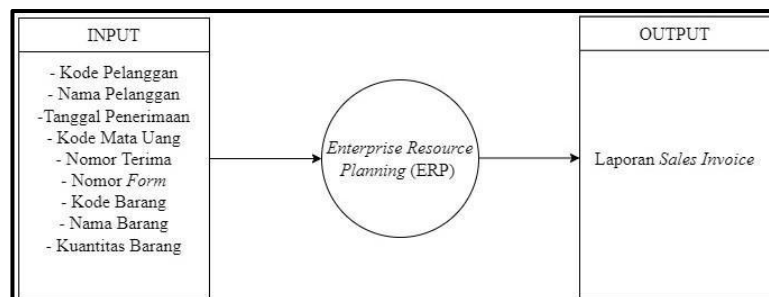
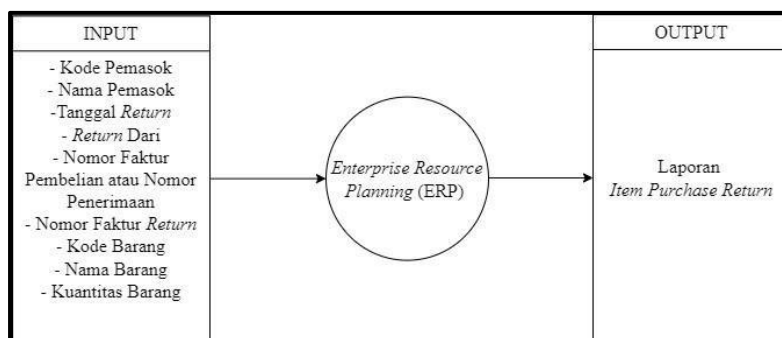
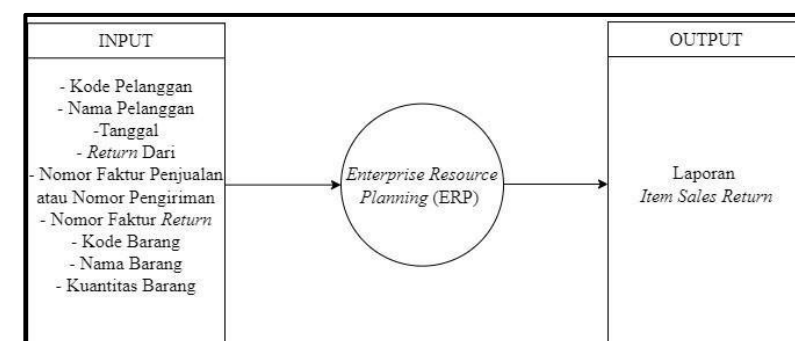
DFD is A technique graphics that depict flow information And transformation that can be applied when data moves from *input* to *output* (RS Pressman, 2012). *Data Flow Diagram* (DFD) has another meaning, namely a modeling tool that allows system professionals to describe the system as a network process functional Which connected One The same other with channel data, both manually and computerized (Jogiyanto, 2005). The following is the DFD at Erajaya Beauty & Wellness Company .



Picture 1. DFD Purchase Order



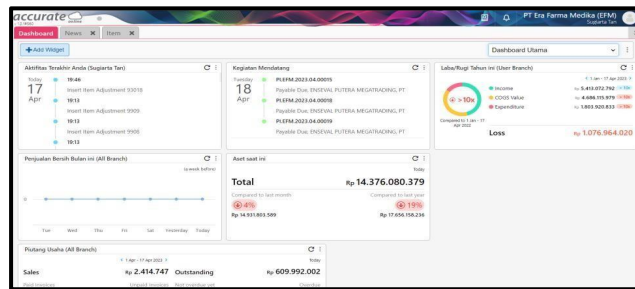
Picture 2. DFD Good Receive Note


Picture 3. DFD Item

Picture 4. DFD Sales Invoice

Picture 5. DFD Item Purchase Return

Picture 6. DFD Item Sales Return

RESULTS AND DISCUSSION

The results and discussion are the process activities and complete explanations and detailed in finish something problem Which found in Research activities. The following are the results and discussion of this research conducted at Erajaya Beauty & Wellness Company .

1. Page Dashboard



On page this *dashboard* menu menu the one that can in first look time, there is Profit/Loss, Total *assets* moment This, until sale all shop. For page This *dashboard* can be changed to display the widgets according to the user's wishes.

2. Menu Purchase Order



PASANG LOGO
PERUSAHAAN
ANDA DISINI

PT Era Farma Medika
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan, Kota Administrasi Jakarta Utara, DKI Jakarta
Kota Administrasi Jakarta Utara DKI Jakarta 11240
Indonesia

Kepada
ERA CARING INDONESIA, PT
Apotek Wellings PIK

Pesanan Pembelian
Nomor : 9108
Tanggal : 02 Jan 2023
Tanggal Kirim : 02 Jan 2023

Kode Barang	Nama Barang	Kts.	@Harga	Diskon	Total
1610150009	TOTEBAG WELLINGS	300	1	0	300
Keterangan					
Sub Total					300
Diskon					0
PPN (11%)					29
Biaya Lain-lain					0
Total					300

Bagian Pembelian

Tgl.

Purchase order menu, important menus are displayed, such as purchase orders. with details number, date And date Send, Then There is appearance items to be purchased or POed with the display of the item code, item name, KTS or quantity, price, discount And total. For appearance cost And other other There is in lower right with additional signature.

3. Menu Good Receive Note (Reception Goods)



PASANG LOGO
PERUSAHAAN
ANDA DISINI

PT Era Farma Medika
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan, Kota Administrasi Jakarta Utara, DKI Jakarta
Kota Administrasi Jakarta Utara DKI Jakarta 11240
Indonesia

Kepada
ERA CARING INDONESIA, PT
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan, Kota Administrasi Jakarta Utara, DKI Jakarta

Penerimaan Barang
No. Form # : 4901
No. Faktur # : 4901
Tanggal : 19 Jan 2023

Kode Barang	Nama Barang	Kts.	Satuan
8100079448	HI D 5000 CHOLECALCIFEROL 6 TAB X 5-BOX (EA)	6	LS
8100079567	CENDO PROTAGENTA MD SAMP-STRIP (EA)	12	LS
8100079570	YRINS 2 X 12ML -BOX (EA)	9	LS
8100085207	CENDO CENFRESH MD SAMP-STRIP (EA)	5	LS
8100085208	CENDO EYEFRESH 5 ML DROP-BOTTLE (EA)	7	LS
8100085211	CENDO EYEFRESH PLUS MD SAMP-STRIP (EA)	2	LS
8100085214	CENDO LYTEERS MD 5AMP-STRIP (EA)	4	LS
8100085686	HOTIN DCL EMULSI GEL 60 GR-TUBE (EA)	5	LS
8100086035	MICROLAX 5 ML (ISI 3 TUBE)-BOX (EA)	4	EA
8100086105	MYLANTA TABLET 10TAB X 10-BOX (EA)	2	PC
8100086199	NEUROBION FORTE 10TAB X 25-BOX (EA)	2	PC
8100086345	OBH COMBI BTK BRDHK MNTH 100 ML-BOTTLE (EA)	3	LS
8100086350	OBH NELLCO SPC PE MNTHL 100ML-BOTTLE (EA)	8	LS
8100086476	POLYSILANE SUSPENSII 100 ML-BOTTLE (EA)	6	LS
8100086477	POLYSILANE SUSPENSII 180 ML-BOTTLE (EA)	8	LS
8100086496	PROMAG TABLET 10TAB X 3-BOX (EA)	3	PC
8100086771	SP TROCHES RASA STRAWBERRY 12TAB-BOX (EA)	5	LS
8100086820	TEMPRA FORTE 60 ML STRAWBERRY-BOTTLE (EA)	8	LS
8100086823	TEMPRA SYRUP 60 ML-BOTTLE (EA)	8	LS
8100087038	WOODS EXPECTORANT 60 ML-BOTTLE (EA)	1	LS

Keterangan

Diterima Oleh,

Disetujui Oleh,

Tgl.

On menu reception goods This there is appearance like on, Where There's the item code, item name, quantity, and unit price. Below *the list of* items to be received, there's a statement stating "received by" and "approved by," which will be signed by a store employee.

4. Menu Item

Items Info

Item Name *

Item Category

Item Type

Item Code *

UPC/Barcode

Unit

Find/choose...

Others Info

☐ Activate Serial/Batch Number

In the image above there is a menu *item* for this menu item The displayed features include the item name, item *category* , item *type* , item *code* , and *barcode* for the item and its unit price. This item menu displays the output from the *master item input* image.

5. Sales Menu Invoice



PT Era Farma Medika
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan,
Kota Administrasi Jakarta Utara, DKI Jakarta
Kota Administrasi Jakarta Utara DKI Jakarta 11240
Indonesia

INVOICE

Kepada : WALK IN

No. Invoice : 12201681
Tanggal Invoice : 22 Mar 2023
Po No. :
Delivery Date : 22 Mar 2023

No	Keterangan	Qty	@Harga	Diskon	Total Harga
1		1	120.000	12.000	108.000
2		4	27.000	0	108.000
3		1	45.000	0	45.000
4		1	315.000	78.750	236.250
5		1	115.000	0	115.000
6		1	48.072	0	48.072
7		1	18.000	0	18.000
8		1	42.000	0	42.000
9		4	2.600	0	10.400
10		1	26.000	0	26.000
11		10	1.440	0	14.400
12		1	24.000	0	24.000
13		1	32.000	0	32.000

Terbilang : Eight Hundred and Twenty Seven Thousand One Hundred and Twenty Two

Keterangan :

Tanggal Jatuh Tempo : 22 Mar 2023

Created By

Sub Total	827.122
Diskon (0.0%)	0
PPN (11%)	81.967
Biaya Lain-lain	0
Total	827.122

Mohon Pembayaran ditransfer ke rekening:
Bank :
Acc. :
A/n. :

Sales invoice menu features features that display the item serial number, quantity, price, and discount for each item, along with the total price. The financing section is located in the bottom right corner, complete with the account number to which the payment will be made.

6. Menu Item Purchase Return



PASANG LOGO
PERUSAHAAN
ANDA DISINI

PT Era Farma Medika
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan,
Kota Administrasi Jakarta Utara, DKI Jakarta
Kota Administrasi Jakarta Utara DKI Jakarta 11240
Indonesia

Kepada
NUSA GEMILANG ABADI, PT
ERAJAYA PLAZA, JL. BANDENGAN SELATAN
NO. 11, RT. 11 / RW. 5, PEKOJAN
JAKARTA DKI JAKARTA 11240
INDONESIA

Retur Pembelian
No. Retur # : 990701
Tanggal : 27 Feb 2023
No Referensi : PI.EFM.2022.06.00129

Kode Barang	Nama Barang	Kts.	@Harga	Total Harga
1214100010	TFS SMILE FOOT PEELING CREAM 120ML-PCS	4	174.300	697.200

Keterangan

Sub Total 697.200
PPN (11%) 69.091
Total 697.200

The following is the *purchase return menu* which is used to return goods to vendor, For menu *purchase return* there is features Which displayed These are the item code and name, followed by the quantity, price, and total price. The amount for the return is listed in the bottom right corner.

7. Return Item Menu



PASANG LOGO
PERUSAHAAN
ANDA DISINI

PT Era Farma Medika
Jl. Pantai Indah Utara II, Metro Broadway The Kapuk Muara, Penjaringan,
Kota Administrasi Jakarta Utara, DKI Jakarta
Kota Administrasi Jakarta Utara DKI Jakarta 11240
Indonesia

Dari
WALK IN

Retur Penjualan
No. Retur # : 35011556
Tanggal : 02 Dec 2022
Pengembalian : 3509711

Kode Barang	Nama Barang	Kts.	@Harga	Diskon	Total Harga
1114200015	SOFTIES SURGICAL MASK 30PCS-BOX	2	61.400	0	122.800

Keterangan

Sub Total 122.800
Diskon 0
PPN (11%) 12.169
Total 122.800

Based on picture on This there is menu *sales return* Where *sales* this *return is useful* for return goods from *customer* to shop. For the features that There is in *Sales returns* contain the item code and name, quantity, price, discount, and total price. Financing details are in the bottom right corner.

CONCLUSION

A conclusion is a short, clear and systematic statement that contains the answer. from objective research conducted to complete a problem discussed in this research. The following are the conclusions of this research, namely:

1. PT Erajaya *Beauty & Wellness* is A *vertical* business in Erajaya Group which operates in the beauty and health industry.
2. PT Erajaya *Beauty & Wellness* imports, distributes, operates a network retail who sells beauty products And health in all over Indonesia.
3. After using the ERP system from *Accurate* , PT Erajaya *Beauty & Wellness* can control And see direct data Which Which needed in a way *real time* , so it is more efficient.

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