

ABSTRACT

FARDASHOP is a store that sells apparel products such as shirts, pants and ladies' accessories. The agency requires a course design business processes and application design in order to facilitate the performance of this company. By making a design business processes using the Flowchart, Entity Relationship Diagram (ERD) and the design of the User Interface (UI). While the design of the application made by the bootstrap template used for corporate websites, MySQL is used for storage of company data and programming language used is Hypertext Preprocessor (PHP). By doing a live/direct interview with the owner of the company, we Found a change from the old system to do it all manually with a new system that is already using an application where said company can conduct data collection goods / users are not using the file then there will be damage, ordering goods to customers is done online through the website.

Keywords: Store, Business Process, Application, Interview.

DAFTAR ISI

LEMBAR PENGESAHAN	i
PERNYATAAN ORISINALITAS LAPORAN PENELITIAN.....	ii
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN	iii
PRAKATA.....	iv
ABSTRAK	v
DAFTAR ISI.....	vi
DAFTAR GAMBAR	x
DAFTAR TABEL.....	xi
DAFTAR NOTASI/ LAMBANG.....	Error! Bookmark not defined.
DAFTAR SINGKATAN	xii
DAFTAR ISTILAH	xiii
BAB 1 PENDAHULUAN (Heading 1).....	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	1
1.3 Tujuan Pembahasan	2
1.4 Ruang Lingkup.....	2
1.5 Sumber Data.....	2
1.6 Sistematika Penyajian	2
BAB 2 KAJIAN TEORI	4
2.1 Sistem Informasi	4
2.1.1 Data	4
2.1.2 Informasi	4
2.1.3 Sistem Informasi	4
2.1.4 Konsep Dasar Sistem Informasi.....	4

2.2 Basis Data	6
2.2.1 Pengertian Basis Data	Error! Bookmark not defined.
2.2.2 Model Basis Data	6
2.3 <i>Entity Relationship Diagram</i> (ERD).....	6
2.3.1 Pengertian ERD.....	6
2.3.2 Komponen ERD	7
2.3.3 Keys	9
2.3.4 Weak Entity.....	9
2.4 Proses Bisnis	10
2.4.1 Pengertian Proses Bisnis	Error! Bookmark not defined.
2.4.2 <i>Flowchart System</i>	10
2.4.3 <i>Flow Process Chart</i>	11
2.4.4 <i>Document Flowchart</i>	11
2.4.5 <i>Program Flowchart</i> atau <i>Block Diagram</i>	11
2.5 MySQL.....	11
2.6 PHP (Personal Home Page)	12
2.7 Bootstrap	12
BAB 3 ANALISIS DAN RANCANGAN SISTEM.....	13
3.1 Proses Bisnis Pada Sistem Aplikasi	13
3.1.1 Proses Bisnis Register Customers.....	13
3.1.2 Proses Bisnis Login.....	14
3.1.3 Proses Bisnis Insert Data Barang	14
3.1.4 Proses Bisnis View Data Barang	15
3.1.5 Proses Bisnis View Data Pengguna	16
3.1.6 Proses Bisnis Update Data Barang.....	16
3.1.7 Proses Bisnis Update Data Pengguna	17

3.1.8 Proses Bisnis Delete Data Barang.....	18
3.1.9 Proses Bisnis Delete Data Pengguna	19
3.1.10 Proses Bisnis Search Data Barang	20
3.1.11 Proses Bisnis Search Data Pengguna	21
3.2 ERD (<i>Entity Relationship Diagram</i>).....	21
3.3 Perancangan User Interface.....	22
3.3.1 User Interface Index/Awal	22
3.3.2 User Interface Admin.....	23
3.3.3 User Interface Customers	23
BAB 4 HASIL DAN PENELITIAN.....	25
4.1 Tampilan Awal Website.....	25
4.2 Tampilan Fitur Register Customers	26
4.3 Tampilan Fitur Login	26
4.4 Tampilan Form Insert Barang	27
4.5 Tampilan Data Produk Barang.....	28
4.6 Tampilan Form Update Data Barang	29
4.7 Tampilan View Data Customers	29
4.8 Tampilan Update Data Customers	30
BAB 5 Pembahasan dan uji coba hasil penelitian.....	31
5.1 Halaman Register Customers.....	31
5.2 Halaman Login.....	34
5.3 Halaman Insert Data Barang	35
5.4 Halaman Form Update Customers	37
5.5 Halaman Form Update Barang.....	38
5.6 Perbandingan Sistem Lama dengan Sistem Baru.....	40
BAB 6 SIMPULAN DAN SARAN.....	41

6.1 Simpulan	41
6.2 Saran.....	41
DAFTAR PUSTAKA	42



DAFTAR GAMBAR

Gambar 2.1 Program Flowchart.....	11
Gambar 3.1 Flowchart proses register <i>customers</i>	13
Gambar 3.2 Flowchart proses login.	14
Gambar 3.3 Flowchart proses <i>insert</i> data barang.....	15
Gambar 3.4 Proses bisnis <i>view</i> data barang.	16
Gambar 3.5 Flowchart proses <i>view</i> data pengguna.....	16
Gambar 3.6 Flowchart proses <i>update</i> data barang.....	17
Gambar 3.7 Flowchart proses <i>update</i> data pengguna.	18
Gambar 3.8 Flowchart proses <i>delete</i> data barang.....	19
Gambar 3.9 Flowchart proses <i>delete</i> data pengguna.....	20
Gambar 3.10 Flowchart proses search data barang.....	20
Gambar 3.11 Flowchart proses <i>search</i> data pengguna.....	21
Gambar 3.12 ERD dari website penjualan Fardashop	22
Gambar 3.13 UI Index.....	22
Gambar 3.14 UI pada halaman Admin	23
Gambar 3.15 UI pada halaman <i>customers</i>	24
Gambar 4.1 Tampilan awal laman.	25
Gambar 4.2 <i>Highlight</i> produk pada tampilan awal.....	25
Gambar 4.3 Tampilan laman register untuk <i>customers</i>	26
Gambar 4.4 Form input data barang.	28
Gambar 4.5 Tampilan Data Produk pada tabel Barang.....	28
Gambar 4.6 Form Update Barang	29
Gambar 4.7 Tampilan data <i>customers</i>	29
Gambar 4.8 Form Update data <i>customers</i>	30

DAFTAR TABEL

Tabel 5.1 Testing Form Register Customers.....	31
Tabel 5.2 Testing Form Login	34
Tabel 5.3 Testing Insert Data Barang	36
Tabel 5.4 Testing Form Update Customers	37
Tabel 5.5 Testing Form Update Barang.....	39



DAFTAR SINGKATAN

ERD	<i>Entity Relationship Diagram</i>
UI	<i>User Interface</i>
PHP	Personal Home Page



DAFTAR ISTILAH

Database	Kumpulan data yang disimpan pada tempat penyimpanan.
Data	Fakta mengenai objek berupa orang, benda dan lain-lain.
ERD	Suatu permodelan data konseptual yang mendeskripsikan hubungan antar data dan data lainnya untuk mendapatkan hasil yang kompleks.
Proses Bisnis	Suatu kumpulan pekerjaan yang saling berhubungan di dalam menyelesaikan suatu masalah tertentu.

