



Lord of The Rinse

**(Aplikasi Pencatatan Harian
Laundry Berbasis Web Untuk
Sistem Operasi Linux Ubuntu)**

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01

PENDAHULUAN

Lord Of The Rinse
(Aplikasi pencatatan harian laundry
berbasis web untuk Sistem Operasi Linux
Ubuntu)



Latar Belakang Masalah

- Banyaknya masyarakat yang melakukan usaha laundry di masa pandemik.
- Teknologi yang sudah berkembang dapat diterapkan pada aplikasi laundry.
- Banyak masyarakat yang menggunakan Linux Ubuntu

Identifikasi Masalah



**Pengusaha Laundry
Masih Melakukan
Pencatatan Harian
secara Manual**



Pencatatan
yang
kurang baik



Kertas tersebut bisa basah,
robek, bahkan rusak



Terkena tumpahan kopi,
cipratkan makanan

Media pencatatan seperti
kertas atau buku tergolong
tidak ramah lingkungan.

Maksud dan Tujuan

- **Maksud**

Memenuhi Tugas Besar Mata Kuliah Sistem Operasi pada Semester 4 di Universitas Komputer Indonesia

- **Tujuan**

Membuat aplikasi yang dapat membantu pemilik jasa Laundry untuk:

- melakukan pencatatan dengan lebih mudah, efektif, dan efisien.
- berbasis internet
- wujud pemanfaatan teknologi dan mengurangi ketergantungan terhadap alam



Metode Pembuatan Perangkat Lunak

Metode Prototyping

Analisis
Kebutuhan Membangun
Prototyping Evaluasi
Prototyping Pengkodean
Sistem

01

02

03

04

Menggunakan
Sistem

Evaluasi Sistem

07

06

05

Pengujian
Sistem

02

LANDASAN TEORI

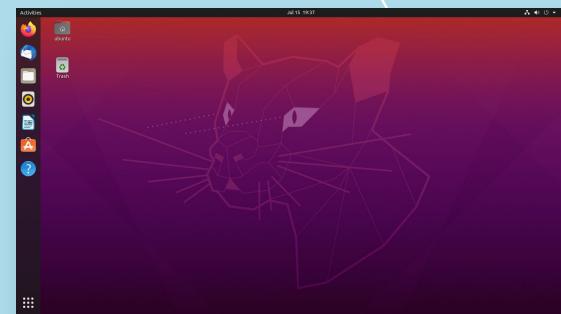
Lord Of The Rinse
(Aplikasi pencatatan harian laundry
berbasis web untuk Sistem Operasi Linux
Ubuntu)





Alasannya:

- Distro Linux Ubuntu Populer (Banyak Pemakainya)
- Dapat menjalankan aplikasi web browser seperti Google Chrome versi 91

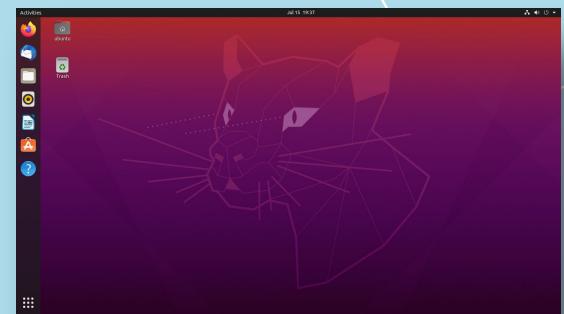


Distro Linux Ubuntu



Keunggulan:

- Sistem operasinya yang ringan sehingga mudah untuk digunakan.
- Linux Ubuntu memiliki komunitas besar yang dapat membantu menyelesaikan masalah
- Tergolong sistem operasi yang aman
- Mudah untuk melakukan pembaharuan aplikasi



Distro Linux Ubuntu

Tools yang digunakan



03 PEMBAHASAN

Lord Of The Rinse
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Ubuntu)



Screenshot aplikasi

The screenshot shows the homepage of the website "Lord Of The Rinse". The header features the logo "Lord Of The Rinse" and navigation links for "BERANDA", "TENTANG KAMI", "KONTAK", and "SIGN IN". The main content area has a blue background with a white illustration of a woman smiling while working on a laptop. A clothesline with laundry is visible behind her. The text on the page reads:

Selamat Datang!

Lelah harus melakukan pencatatan harian laundry secara manual? Masih menggunakan kertas atau buku? Bagaimana jika kertas atau bukumu basah, rusak, hilang, atau robek? Yuk daftar di aplikasi kami! Kami akan membantumu melakukan pencatatan harian laundry secara digital!

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The screenshot shows the "Tentang Kami" (About Us) page of the website "Lord Of The Rinse". The header includes the logo "Lord Of The Rinse" and navigation links for "BERANDA", "TENTANG KAMI", "KONTAK", and "SIGN IN". The main content area has a white background with a blue illustration of a woman smiling while working on a laptop. A clothesline with laundry is visible behind her. The text on the page reads:

Tentang Kami!

Aplikasi Lord of The Rinse adalah aplikasi yang memudahkan para penyedia jasa laundry dalam melakukan pencatatan harian laundry mereka. Sudah siap untuk mencatat? Yuk, kita mulai!

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Screenshot aplikasi

The screenshot shows the homepage of a laundry service website. At the top, there's a navigation bar with links for 'BERANDA', 'TENTANG KAMI', 'KONTAK', and 'SIGN IN'. The main heading 'Lord Of The Rinse' is displayed with a small icon. Below the heading, a large illustration features a woman smiling while using a laptop, with laundry hanging on a line in the background. Text on the page reads 'Mengalami Kendala?' and provides contact information: Email: lordoftherinse@gmail.com and Telepon: 022-7276423. The footer includes a 'Powered by 000webhost' logo.

The screenshot shows the login page of the website. It features a central form with the text 'Masuk ke Akunmu !' above two input fields for 'Username' and 'Password', and a blue 'Masuk!' button below them. To the right of the form is a decorative graphic showing a 3D laundry room with a person working at a counter. The room is labeled 'LORD' at the top and 'THE RINSE' at the bottom. The footer also includes a 'Powered by 000webhost' logo.

Screenshot aplikasi

THE LORD OF THE RINSE

ADMIN

- Dashboard Admin
- Manajemen Akun
- Manajemen Role
- Manajemen Paket

Dashboard Admin

TOTAL ACCOUNT 4 Person

LAUNDRY 8 Laundry

ADMIN 1 Person

Selamat Datang admin!

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THE LORD OF THE RINSE

ADMIN

- Dashboard Admin
- Manajemen Akun
- Manajemen Role
- Manajemen Paket

Manajemen Akun

Tambah

Cari Nama.... Cari

No	Username	Nama	Alamat	Level	Aksi
1	admin	admin	admin	admin	<button>Edit</button>
2	kasir1	kasir1	kasir1	pegawai	<button>Edit</button> <button>Delete</button>
3	kasir2	kasir2	Jl Haji Usin	pegawai	<button>Edit</button> <button>Delete</button>
4	kasir3	Zaenul	Jl Kebayoran Lama no.11	pegawai	<button>Edit</button> <button>Delete</button>

1

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Screenshot aplikasi

The screenshot shows a web application interface titled "THE LORD OF THE RINSE". On the left, there is a sidebar with a dark green background containing the following menu items:

- ADMIN
 - Dashboard Admin
 - Manajemen Akun
 - Manajemen Role
 - Manajemen Paket

The main content area has a light green background and displays a form titled "Manage Account Detail". The form fields are:

- Username: kasir1
- Password: (redacted)
- Nama: kasir1
- Alamat: kasir1
- Level: pegawai

A blue "Submit" button is located at the bottom right of the form.

At the top right of the main content area, there is a user profile icon and the text "Selamat Datang admin!".

At the bottom center of the page, there is a footer bar with the text "Copyright © Your Website 2020" and "Powered by 000webhost".

The screenshot shows another web application interface titled "THE LORD OF THE RINSE". The sidebar and overall design are identical to the first screenshot.

The main content area displays a form titled "Tambah Data Pegawai". The form fields are:

- Username: Masukan username
- Password: (redacted)
- Nama: Masukan nama
- Alamat: Masukan address
- Level: Pilih...

A blue "Submit" button is located at the bottom right of the form.

At the top right of the main content area, there is a user profile icon and the text "Selamat Datang admin!".

At the bottom center of the page, there is a footer bar with the text "Copyright © Your Website 2020" and "Powered by 000webhost".

Screenshot aplikasi

The screenshot shows a web application interface titled "THE LORD OF THE RINSE". The left sidebar has a dark green background with the following menu items:

- Dashboard Admin
- Manajemen Akun
- Manajemen Role (selected)
- Manajemen Paket

The main content area has a light green background and displays a table titled "Manajemen Role". The table has columns: No, Jenis Role, and Aksi. It contains two rows of data:

No	Jenis Role	Aksi
1	admin	Edit Delete
2	pegawai	Edit Delete

At the bottom of the main content area, there is a footer bar with the text "Copyright © Your Website 2020" and "Powered by 000webhost".

The screenshot shows a "Tambah Data Role" (Add New Role) form. The form has a single input field labeled "Role" with the placeholder "Masukan Role" and a blue "Tambah" (Add) button below it.

The left sidebar is identical to the first screenshot, showing the "Manajemen Role" item as selected.

The footer bar at the bottom of the main content area includes the text "Copyright © Your Website 2020" and "Powered by 000webhost".

Screenshot aplikasi

THE LORD OF THE RINSE

ADMIN

- Dashboard Admin
- Manajemen Akun
- Manajemen Role
- Manajemen Paket

Selamat Datang admin!

Edit Data Role

Ubah Data Role

Role

admin

Ubah

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THE LORD OF THE RINSE

ADMIN

- Dashboard Admin
- Manajemen Akun
- Manajemen Role
- Manajemen Paket

Selamat Datang admin!

Manajemen Akun

Tambah

No	Jenis Paket	Harga	Aksi
1	biasa	12000	<button>Edit</button> <button>Delete</button>
2	ekspress	15000	<button>Edit</button> <button>Delete</button>

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Screenshot aplikasi

The screenshot shows a web-based administration interface titled "THE LORD OF THE RINSE". On the left, a sidebar lists "ADMIN" sections: Dashboard Admin, Manajemen Akun, Manajemen Role, and Manajemen Paket. The main content area has a header "Selamat Datang admin!". A modal window titled "Tambah Data Paket" contains fields for "Jenis Paket" (with placeholder "Masukan Jenis Paket") and "Harga" (with placeholder "Masukan harga"). A blue "Tambah" button is at the bottom right of the modal.

This screenshot shows the same application interface after an edit. The modal window is titled "Ubah Data Paket" and displays the previously entered values: "biasa" in the "Jenis Paket" field and "12000" in the "Harga" field. A blue "Ubah" button is at the bottom right.

Screenshot aplikasi

LAUNDRY SUPER BERSIH

Selamat Datang kasir1!

Catatan Terakhir

Cari nama... Cari

No	Nama	Berat	Paket	Tgl Masuk	Tgl Keluar	Harga	status	aksi
1	Zaenul	5	biasa	05-07-2021	07-07-2021	Rp. 60000	Diambil	<button>Edit</button> <button>Delete</button>
2	Sani	6	biasa	08-07-2021	10-07-2021	Rp. 72000	Diambil	<button>Edit</button> <button>Delete</button>
3	kurniawan	6	ekspress	10-07-2021	11-07-2021	Rp. 90000	Belum diambil	<button>Edit</button> <button>Delete</button>
4	hendri	5	biasa	10-07-2021	12-07-2021	Rp. 60000	Belum diambil	<button>Edit</button> <button>Delete</button>
5	Hendro	8	biasa	10-07-2021	12-07-2021	Rp. 96000	Belum diambil	<button>Edit</button> <button>Delete</button>
6	Retno	3	ekspress	10-07-2021	11-07-2021	Rp. 45000	Belum diambil	<button>Edit</button> <button>Delete</button>

1 2

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LAUNDRY SUPER BERSIH

Selamat Datang kasir1!

Catatan Terakhir

Cari nama... Cari

No	Nama	Berat	Paket	Tgl Masuk	Tgl Keluar	Harga	status	aksi
1	Sani	6	biasa	08-07-2021	10-07-2021	Rp. 72000	Diambil	<button>Edit</button> <button>Delete</button>

1

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Screenshot aplikasi

LAUNDRY SUPER BERSIH

Selamat Datang kasir1!

USER

- Lihat Catatan Terakhir
- Mulai Mencatat

Edit Data Laundry

Nama: Zaenul

Berat: 5

Paket: biasa

Tanggal Masuk: 2021-07-05

Tanggal Keluar: 2021-07-07

status

- Dambil
- Belum dambil

Submit

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LAUNDRY SUPER BERSIH

Selamat Datang kasir1!

USER

- Lihat Catatan Terakhir
- Mulai Mencatat

Tambah Data Laundry

Nama: Masukan Nama

Berat: Masukan Berat

Paket: Pilih Paket

Tanggal Masuk: 2021-07-14

Tanggal Keluar: 2021-07-14

status

- Dambil
- Belum dambil

Submit

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04 PENUTUP

Lord Of The Rinse
(Aplikasi pencatatan harian laundry
berbasis web untuk Sistem Operasi Linux
Ubuntu)



Kesimpulan

- Aplikasi dapat berjalan dengan baik pada sistem operasi Linux Ubuntu
- Para pengusaha laundry dapat melakukan rekapitulasi data secara praktis, efektif, dan efisien.
 - Turut serta membantu ekosistem hutan



Saran

Bagi pengguna:

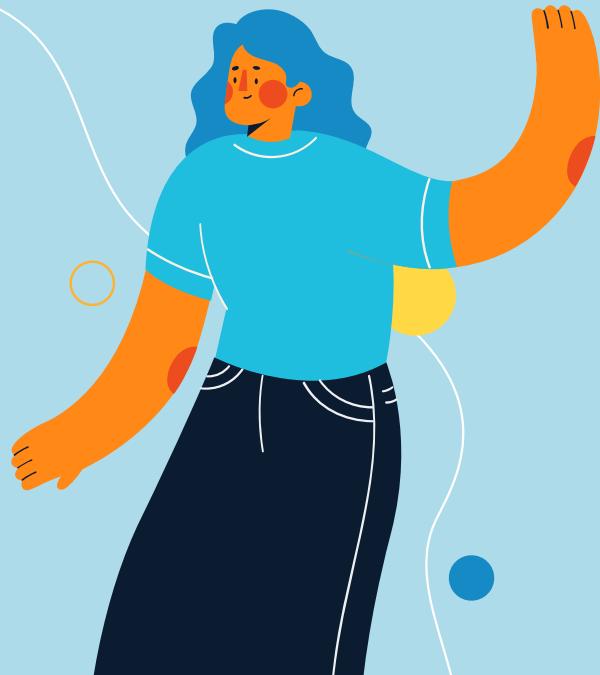
- Dapat meminimalisir pencatatan harian laundry dengan menggunakan media pencatatan seperti kertas

Bagi pengembang:

- Desain User Interface yang lebih menarik lagi



Terima Kasih!



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