

Laporan Project

Uji Kompetensi Keahlian



Disusun oleh :

Rizky Cahya Maulana

XII RPL 2

PROGRAM KEAHLIAN TEKNIK KOMPUTER DAN INFORMATIKA

KOMPETENSI KEAHLIAN REKAYASA PERANGKAT LUNAK

SMK MAHARDHIKA BATUJAJAR

2022

LAPORAN Pengerjaan Uji Kompetensi Kejuruan
SMK Mahardhika Batuajar
Tahun Pelajaran 2021-2022

KOMPETENSI KEAHLIAN : REKAYASA PERANGKAT LUNAK

KELAS : 12 RPL 2

NAMA LENGKAP : Rizky Cahya Maulana

NIS : 1920.10.470

PAKET SOAL : Paket soal 2 (Reservasi Hotel)

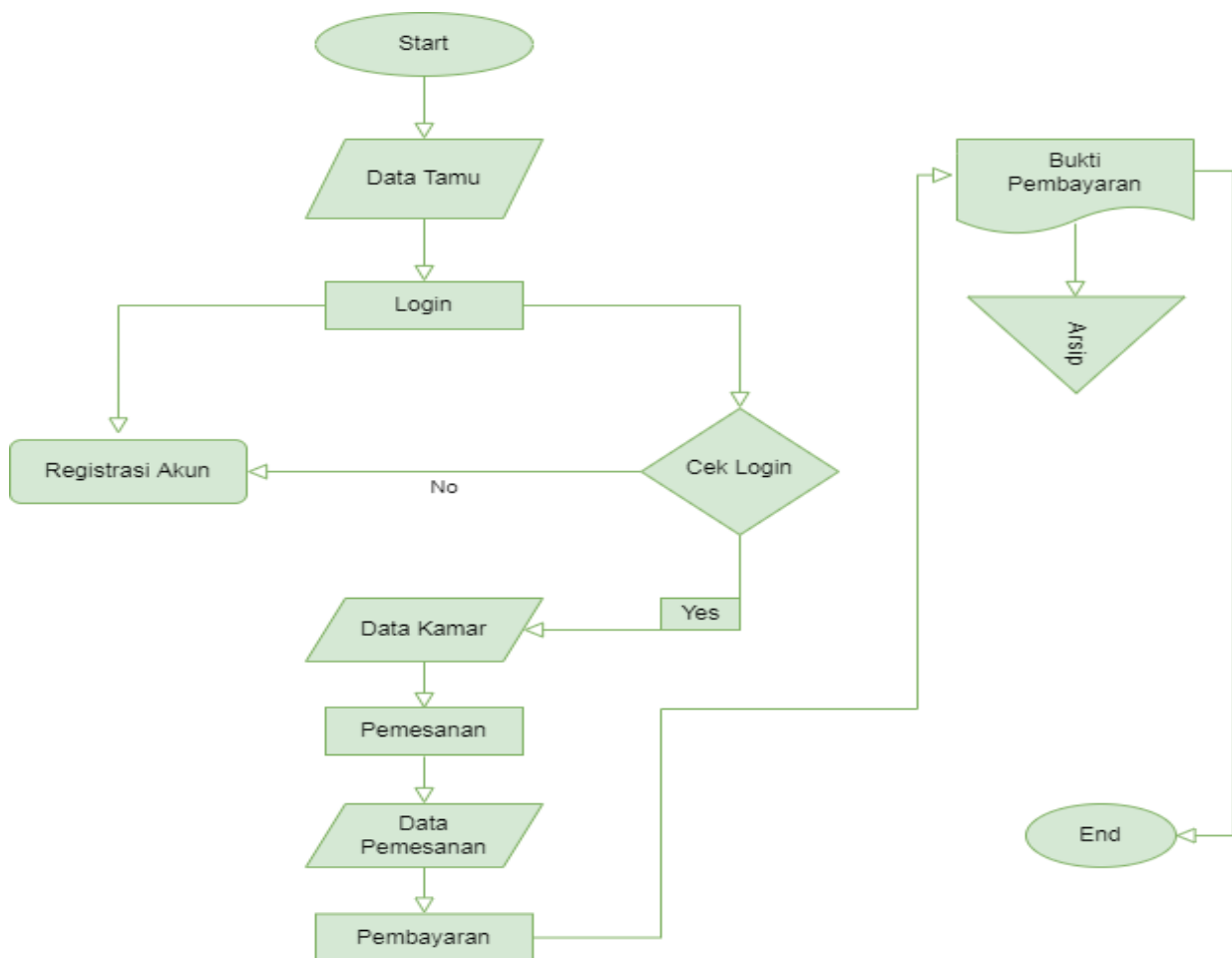
JENIS APLIKASI : Website

ALOKASI WAKTU : 24 jam

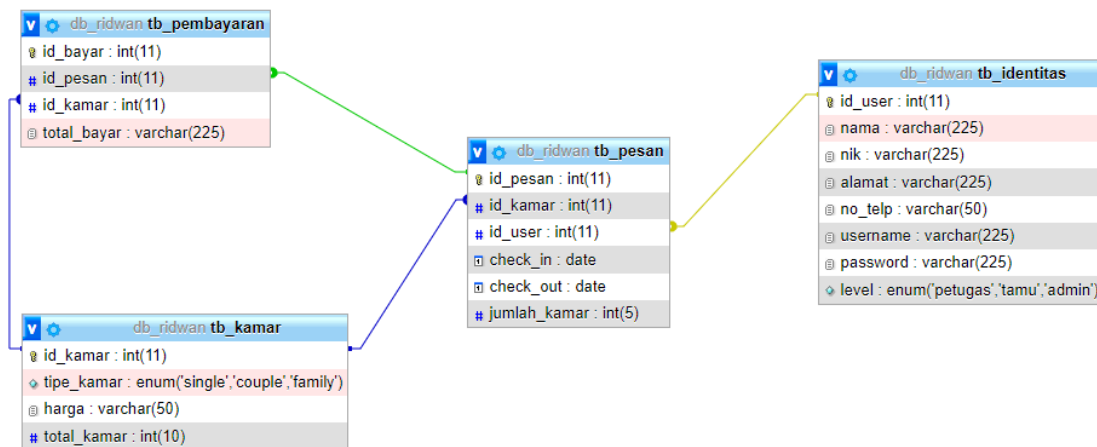
1. Time Schedule

No	Kegiatan	Alokasi Waktu																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Persiapan Perangkat Keras	■																							
2	Persiapan Perangkat Lunak		■																						
3	Perancangan Algoritma			■	■																				
4	Desain Basis Data					■	■	■	■																
5	Perancangan UI								■	■															
6	Implementasi Basis Data										■	■	■	■											
7	Koding Struktur													■	■										
8	Koding Style															■	■	■							
9	Koding Behavior																	■	■	■					
10	Uji Coba																				■	■	■	■	
11	Finalisasi																					■	■	■	■

2. Flow Chart



3. Basis Data (ERD)



4. Basis Data (Data Dummy)

Tabel identitas :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_user	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 nama	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 nik	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 alamat	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5 no_telp	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	6 username	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	7 password	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	8 level	enum('petugas', 'tamu', 'admin')	utf8mb4_general_ci		No	None			Change Drop More

[Check all](#) [With selected:](#) [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

Tabel Kamar :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_kamar	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 tipe_kamar	enum('single', 'couple', 'family')	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3 harga	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 total_kamar	int(10)			No	None			Change Drop More






















[Check all](#) [With selected:](#) [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)










Tabel pembayaran :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_bayar	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 id_pesanan	int(11)			No	None			Change Drop More
<input type="checkbox"/>	3 id_kamar	int(11)			No	None			Change Drop More
<input type="checkbox"/>	4 total_bayar	varchar(225)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all
 With selected:
 Browse
 Change
 Drop
 Primary
 Unique
 Index
 Spatial
 Fulltext

Tabel pesanan :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_pesanan 	int(11)			No	None		AUTO_INCREMENT	 Change  Drop  More
<input type="checkbox"/>	2 id_kamar 	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/>	3 id_user 	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/>	4 check_in	date			No	None			 Change  Drop  More
<input checked="" type="checkbox"/>	5 check_out	date			No	None			 Change  Drop  More
<input type="checkbox"/>	6 jumlah_kamar	int(5)			No	None			 Change  Drop  More


☐ Check all
 With selected:
  Browse
  Change
  Drop
  Primary
  Unique
  Index
  Spatial
  Fulltext

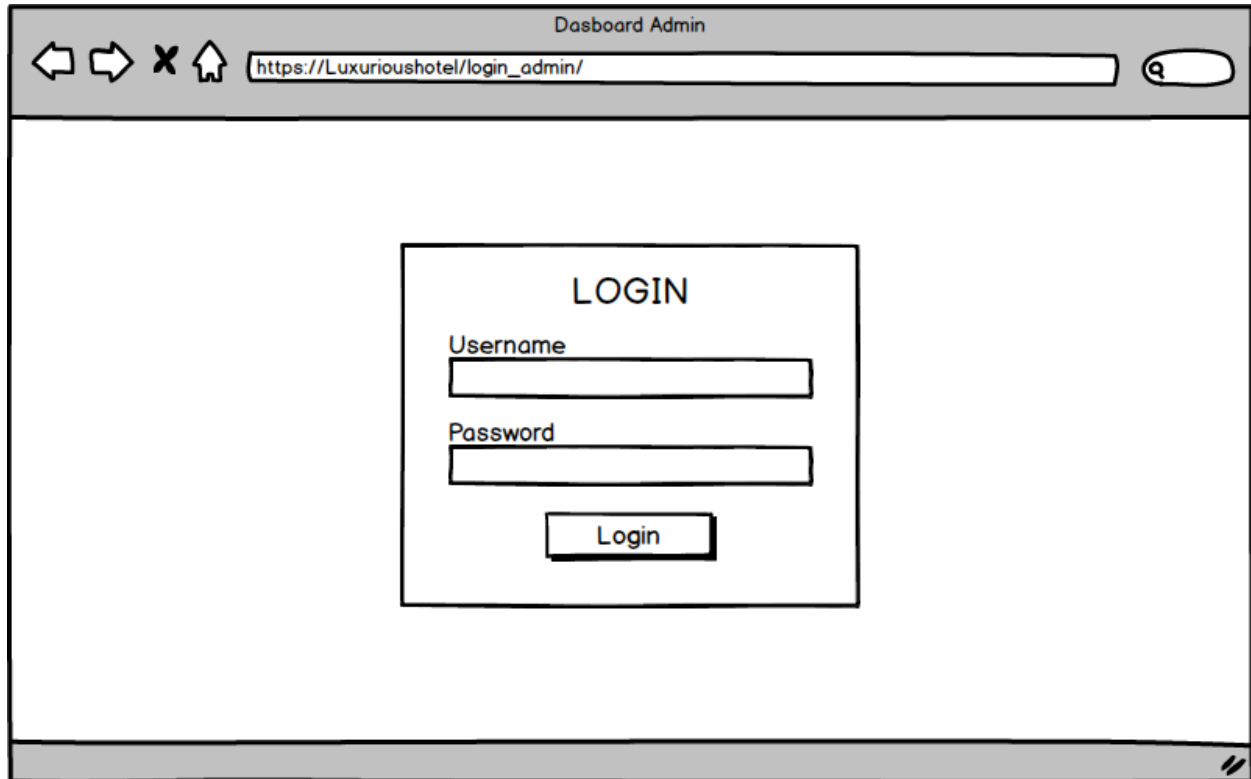
3. Time Schedule

[illegible]

5. Mockup (Tampilan UI)

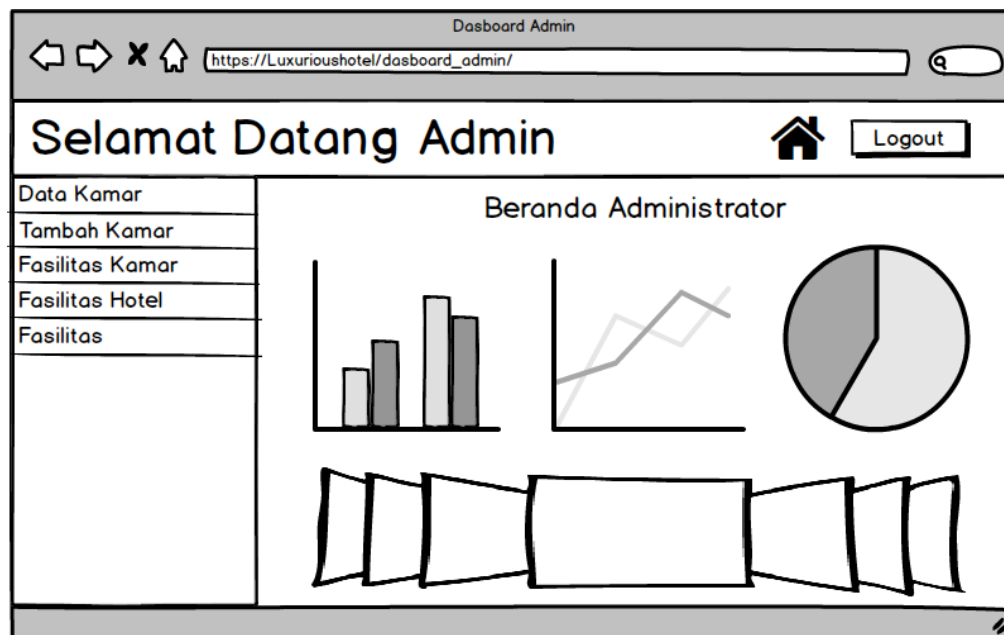
A. Mockup Admin

1. Halaman Login Admin;



The image shows a web browser window titled "Dashboard Admin". The address bar displays "https://Luxurioushotel/login_admin/". The main content area features a central "LOGIN" form. The form includes a "Username" label above a text input field, a "Password" label above another text input field, and a "Login" button below the password field.

2. Ketika Admin klik button Login, muncul halaman Dashboard Admin;



3. Ketika Admin klik tombol Data Kamar muncul halaman data kamar,

Dashboard Admin

https://Luxurioushotel/dashboard_admin/

Selamat Datang Admin

Logout

Data Kamar

Tambah Kamar

Fasilitas Kamar

Fasilitas Hotel

Id Kamar	Tipe Kamar	Stok	Harga	Aksi
001	Superior	34	Rp350.000	Edit/Hapus
002	Deluxe	13	Rp450.000	Edit/Hapus
003	Junior Suit	12	Rp700.000	Edit/Hapus
004	Eksekutif	8	Rp350.000	Edit/Hapus

4. Di halaman Data Kamar admin dapat menghapus data kamar dengan cara klik label hapus, dan dapat mengedit data kamar dengan mengklik label edit, maka otomatis admin akan berada di halaman edit data kamar, Admin juga dapat kembali ke halaman data kamar dengan cara klik tombol panah kiri,

Dashboard Admin

https://Luxurioushotel/dashboard_admin/

Selamat Datang Admin

Logout

Data Kamar

Tambah Kamar

Fasilitas Kamar

Fasilitas Hotel

Edit Data Kamar

Id Kamar :

Tipe Kamar :

Stok :

Harga Kamar : Rp

Simpan

←

5. Ketika admin mengklik tombol Tambah Kamar muncul halaman Tambah Kamar, dihalaman Tambah Admin dapat menambahkan data kamar, dan apabila admin mengklik tombol simpan secara otomatis data yang di tambahkan tersebut akan langsung terdata di Data Kamar,

The screenshot shows a web browser window titled 'Dashboard Admin' with the URL 'https://Luxurioushotel/dasboard_admin/'. The page header says 'Selamat Datang Admin' and includes a 'Logout' button. On the left is a sidebar menu with 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The main content area is titled 'Tambah Kamar' and contains four input fields: 'Id Kamar', 'Tipe Kamar' (a dropdown menu), 'Stok', and 'Harga Kamar' (with a 'Rp' prefix). A 'Simpan' (Save) button is at the bottom right.

6. Ketika admin klik tombol Fasilitas Kamar maka admin langsung berada di halaman Fasilitas Kamar,

The screenshot shows the 'Fasilitas Kamar' page. The sidebar menu is the same as in the previous screenshot. The main content area is titled 'Fasilitas Kamar' and contains a table with three columns: 'Tipe Kamar', 'Nama Fasilitas', and 'Aksi'. The table lists four room types and their facilities. Below the table is a circular button with a plus sign (+).

Tipe Kamar	Nama Fasilitas	Aksi
Superior	TV 42inch/ Ac	Edit/Hapus
Deluxe	TV 42inch/ Ac/BathTub	Edit/Hapus
Junior Suit	TV 42inch/ Ac/BathTub/Spa	Edit/Hapus
Eksekutif	TV 42inch/ Ac/BathTub/Spa/Kolam Renang	Edit/Hapus

Di halaman Fasilitas Kamar admin dapat menghapus data dengan klik label hapus, dan mengedit dengan klik label edit, maka admin akan langsung berada di halaman Edit fasilitas Kamar, dan dapat menambahkan Data Fasilitas Kamar dengan mengklik icon tambah

7. Halaman Edit Fasilitas Kamar

Dashboard Admin

https://Luxurioushotel/dashboard_admin/

Selamat Datang Admin

Logout

Data Kamar

Tambah Kamar

Fasilitas Kamar

Fasilitas Hotel

Edit Fasilitas Kamar

Tipe Kamar :

Fasilitas :

Simpan

8. Halaman Tambah Fasilitas Kamar

Dashboard Admin

https://Luxurioushotel/dashboard_admin/

Selamat Datang Admin

Logout

Data Kamar

Tambah Kamar

Fasilitas Kamar

Fasilitas Hotel

Tambah Fasilitas Kamar

Tipe Kamar :

Fasilitas :

Simpan

9. Ketika admin klik tombol Fasilitas Hotel maka admin langsung berada di halaman Fasilitas Hotel,

The screenshot shows a web browser window titled 'Dashboard Admin' with the URL 'https://Luxurioushotel/dashboard_admin/'. The page header includes a home icon and a 'Logout' button. The main content area is titled 'Tambah Fasilitas Kamar'. On the left, there is a sidebar menu with the following items: 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The 'Fasilitas Hotel' item is highlighted with a blue arrow pointing to it. The main form area contains two fields: 'Tipe Kamar' with a dropdown menu and 'Fasilitas' with a large text input area. A 'Simpan' (Save) button is located at the bottom right of the form.

Di halaman Fasilitas Hotel admin dapat menghapus data dengan klik label hapus, dan mengedit dengan klik label edit, maka admin akan langsung berada di halaman Edit fasilitas Hotel, dan dapat menambahkan Data Fasilitas Hotel dengan mengklik icon tambah,

10. Halaman Edit Fasilitas Hotel

The screenshot shows a web browser window titled 'Dashboard Admin' with the URL 'https://Luxurioushotel/dashboard_admin/'. The page header includes a home icon and a 'Logout' button. The main content area is titled 'Edit Fasilitas Hotel'. On the left, there is a sidebar menu with the following items: 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The 'Fasilitas Hotel' item is highlighted with a blue arrow pointing to it. The main form area contains two fields: 'Nama Fasilitas' with a text input area and 'Keterangan' with a large text input area. A 'Simpan' (Save) button is located at the bottom right of the form.

11. Halaman Tambah Fasilitas Hotel

The screenshot shows a web browser window titled 'Dashboard Admin' with the URL 'https://Luxurioushotel/dasboard_admin/'. The page has a header with 'Selamat Datang Admin' and a 'Logout' button. On the left is a sidebar menu with 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel' (highlighted). The main content area is titled 'Tambah Fasilitas Hotel' and contains two form fields: 'Nama Fasilitas' and 'Keterangan'. A 'Simpan' button is at the bottom right of the form area. A blue arrow points to the bottom left of the main content area.

Dan Jika Admin Mengklik tombol Logout yang berada di pojok kanan maka secara otomatis Admin Akan Logout dari Halaman Dashboard Admin, dan akan kembali ke Halaman Login Admin.

B. Mockup User

1. Halaman Home Website pada User

The screenshot shows a web browser window titled 'Hotel Luxurious' with the URL 'https://luxurioushotel/Home/'. The page has a navigation bar with 'Daftar', 'Login', 'Home' (highlighted), 'Pesan', 'Kamar', 'Fasilitas', and 'Lokasi'. Below the navigation bar is a large banner with the text 'WELCOME TO Luxurious WEBSITE' and left/right navigation arrows. Below the banner is a section titled '"Tentang Kami"' with a paragraph of text: 'Hotel mewah di Bandung Kota yaitu Luxurious Hotel, Bandung sangat cocok untuk bulan madu, di Bandung dan wisatawan yang mencari ketenangan, bersantai, menyegarkan dan menyeimbangkan kembali dengan semangat Danau yang tenang.'

2. Halaman Ketika User mengklik tombol Pesan

The screenshot shows a web browser window with the URL <https://Luxurioushotel/Home/>. The navigation bar includes links for [Daftar](#), [Login](#), [Home](#), [Pesan](#) (highlighted), [Kamar](#), [Fasilitas](#), and [Lokasi](#). The main heading is "HOTEL LUXURIOUS". Below it is the "Form Pemesanan" (Booking Form). The form contains the following fields:

- Tanggal Cek In: with a calendar icon.
- Tanggal Cek Out: with a calendar icon.
- Tipe Kamar: (dropdown menu).
- Jumlah Kamar: with up/down arrows.
- Nama Pemesan:
- Email:
- No. Handphone:
- Nama Tamu:
- Konfirmasi Pemesanan:

3. Halaman Ketika User Mengklik tombol Kamar

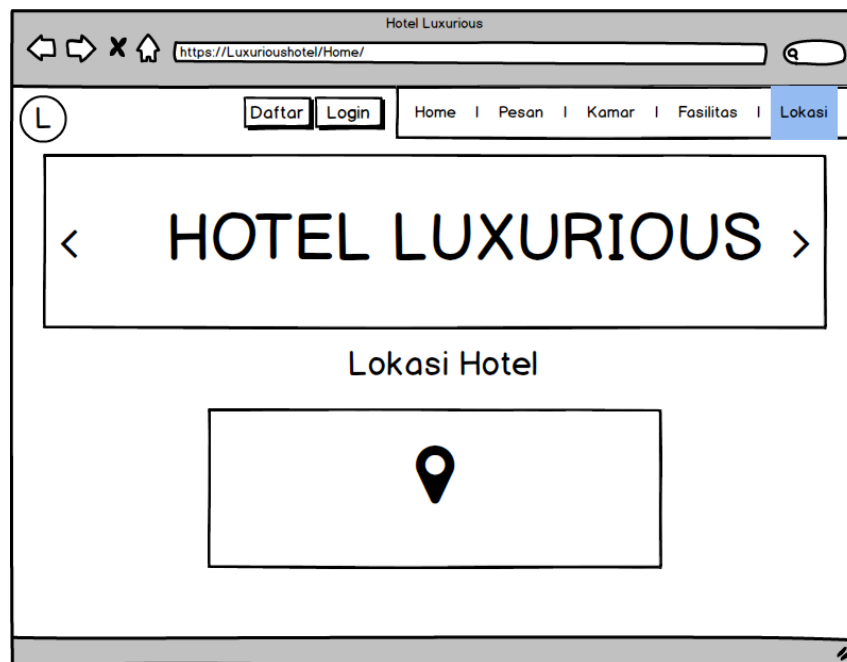
The screenshot shows a web browser window with the URL <https://Luxurioushotel/Home/>. The navigation bar includes links for [Daftar](#), [Login](#), [Home](#), [Pesan](#), [Kamar](#) (highlighted), [Fasilitas](#), and [Lokasi](#). The main heading is "HOTEL LUXURIOUS". Below it are three room selection cards:

Superior	Deluxe	Eksekutif
Fasilitas : TV 32 inch AC	Fasilitas : TV 42 inch AC Kamar Mandi Shower Coffe Maker	Fasilitas : TV 52 inch AC Kamar Mandi Shower Coffe Maker Sofa Bath Tub

4. Halaman Ketika User Mengklik tombol Fasilitas



5. Halaman Ketika User Mengklik tombol Lokasi



6. Halaman Ketika User Login

The screenshot shows a web browser window titled "Hotel Luxurious" with the URL "https://Luxurious Hotel/Home/". The page features a navigation bar with links: Home | Pesan | Kamar | Fasilitas | Kontak. A circular logo with the letter "L" is in the top left. The main content area is titled "LOGIN" and contains a form with the following fields: "Username/E-mail" and "Password", both with input boxes. Below the password field is a "Login" button. At the bottom of the form is a link labeled "Tidak Memiliki Akun?".

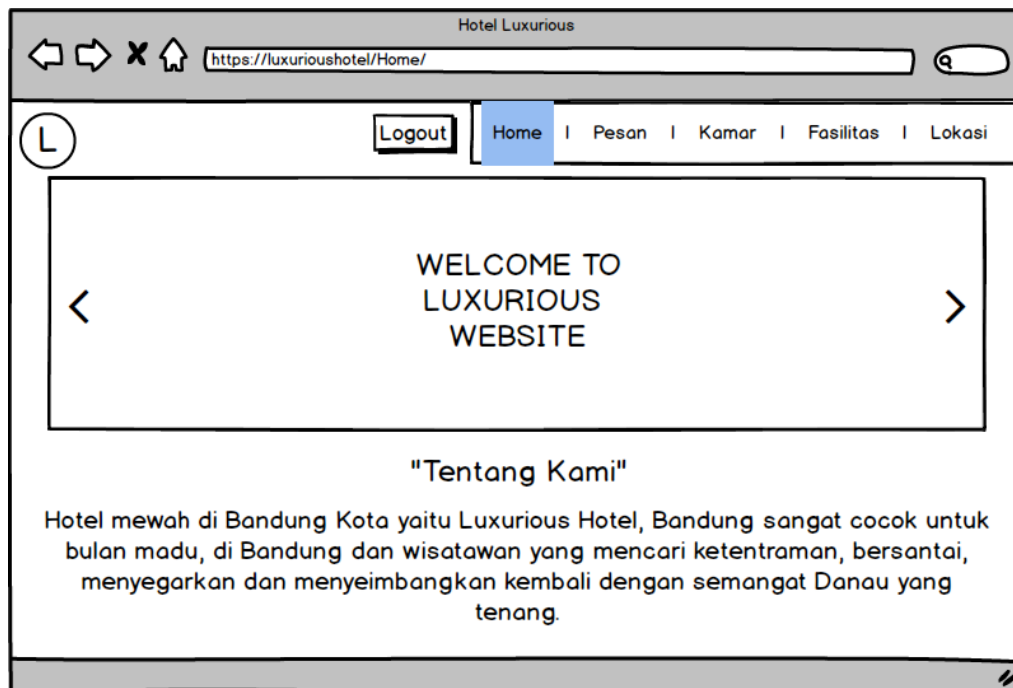
Ketika User tidak memiliki akun User tinggal mengklik link “Tidak Memiliki Akun” yang berada di bawah tombol Login, maka otomatis User akan dibawa ke halaman Daftar

7. Halaman Daftar User

The screenshot shows a web browser window titled "Hotel Luxurious" with the URL "https://Luxurioushotel/Home/". The page features a navigation bar with links: Home | Pesan | Kamar | Fasilitas | Kontak. A circular logo with the letter "L" is in the top left. The main content area is titled "DAFTAR" and contains a form with the following fields: "Username", "Email", "Password", and "Konfirmasi Password", each with an input box. Below the password fields is a "Daftar" button. At the bottom of the form is a link labeled "Sudah memiliki akun".

Setelah Mengklik tombol Daftar User langsung kembali ke Halaman Login

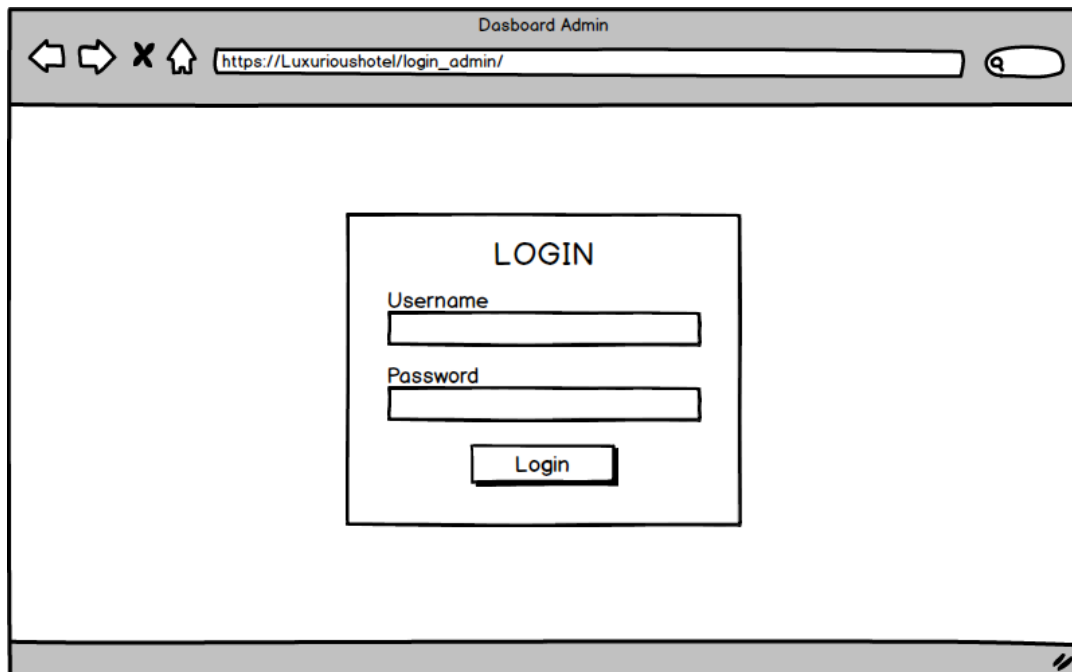
8. Halaman Ketika User sudah login



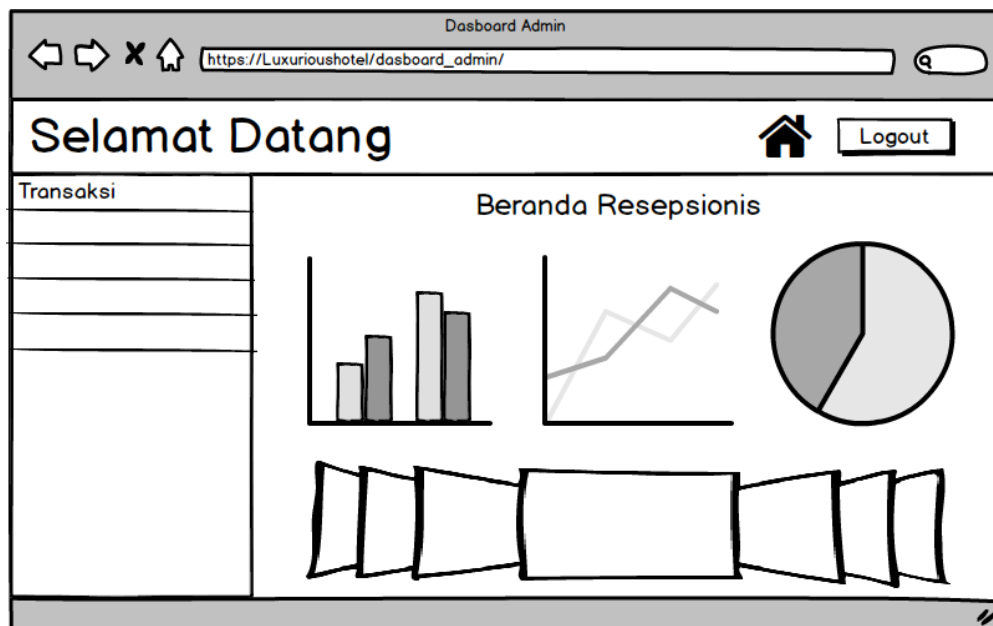
Tombol yang tadinya Login Berubah jadi Logout.

C. Mockup Resepsionis

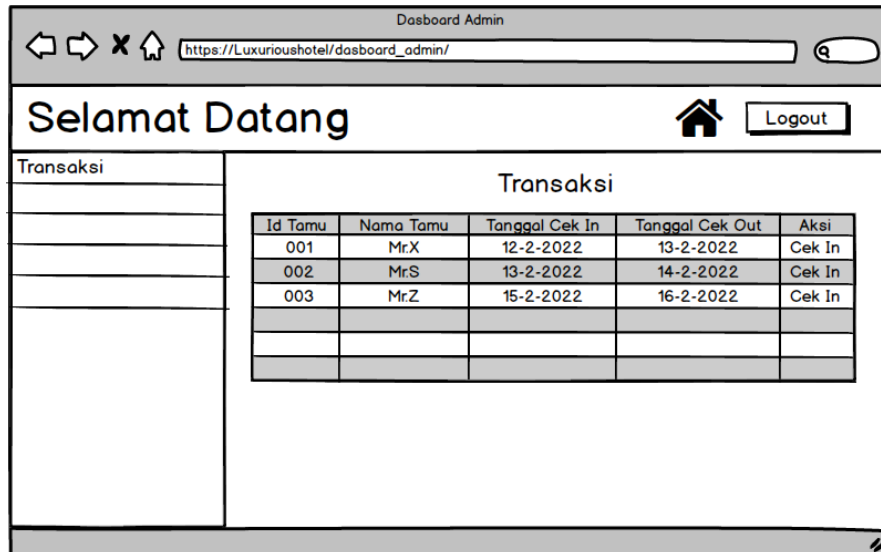
1. Halaman Login Resepsionis



2. Ketika Seorang Resepsionis mengklik tombol Login maka Resepsionis tersebut akan otomatis pindah ke halaman Dashboard Resepsionis



3. Ketika resepsionis tersebut mengklik tombol transaksi maka halaman Akan langsung berpindah ke halaman Transaksi



Ketika Resepsionis Mengklik Icon Rumah Resepsionis tersebut akan kembali ke beranda Resepsionis, dan jika Resepsionis mengklik tombol Logout Resepsionis tersebut akan logout dan otomatis akan kembali ke Halaman Login Resepsionis.