

Laporan Project

Uji Kompetensi Keahlian



Disusun oleh :

Zidane Akbar Ramadhan

XII RPL 2

PROGRAM KEAHLIAN TEKNIK KOMPUTER DAN INFORMATIKA

KOMPETENSI KEAHLIAN REKAYASA PERANGKAT LUNAK

SMK MAHARDHIKA BATUJAJAR

2021/2022

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

KOMPETENSI KEAHLIAN : REKAYASA PERANGKAT LUNAK

KELAS : 12 RPL 2

NAMA LENGKAP : Zidane Akbar Ramadhan

NIS : 1920.10.481

PAKET SOAL : Paket soal 2 (Reservasi Hotel)

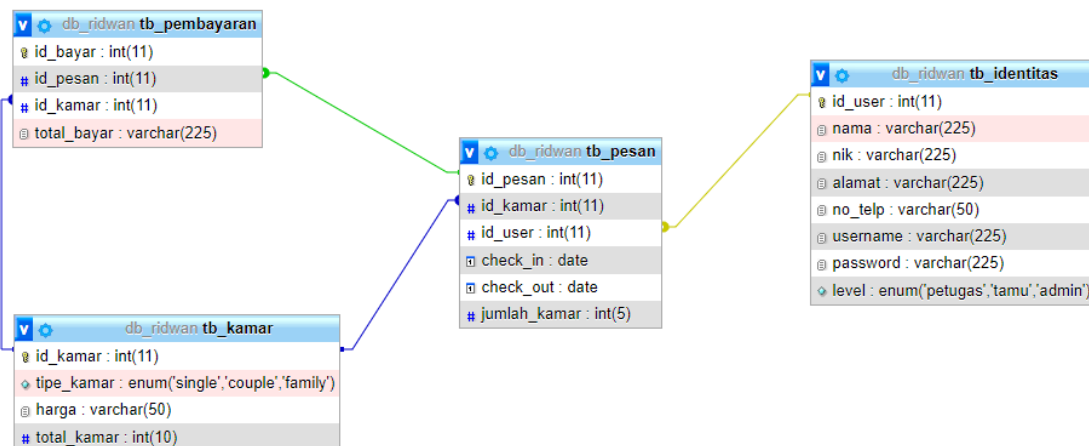
JENIS APLIKASI : Website

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																				■	■	■	■	■
12																									

2. Basis Data (ERD)



3. 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_pesan	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

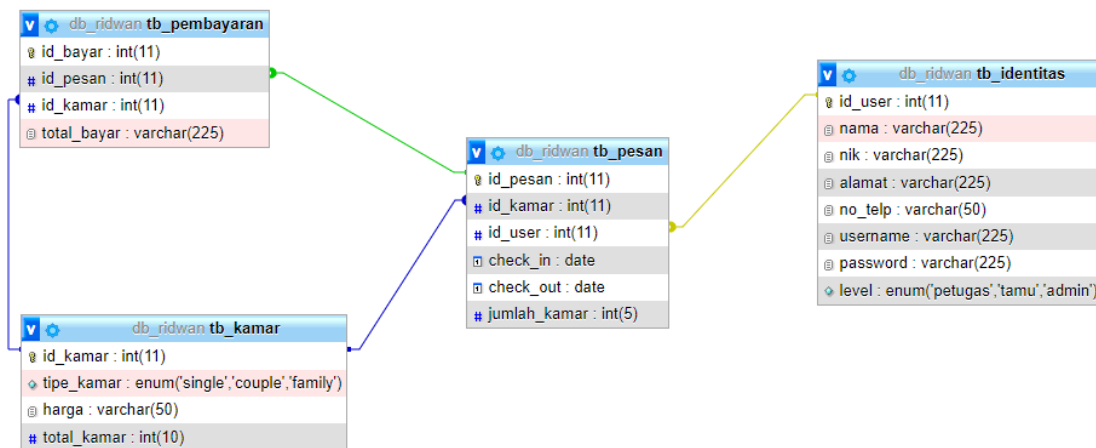
☐ Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext

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 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

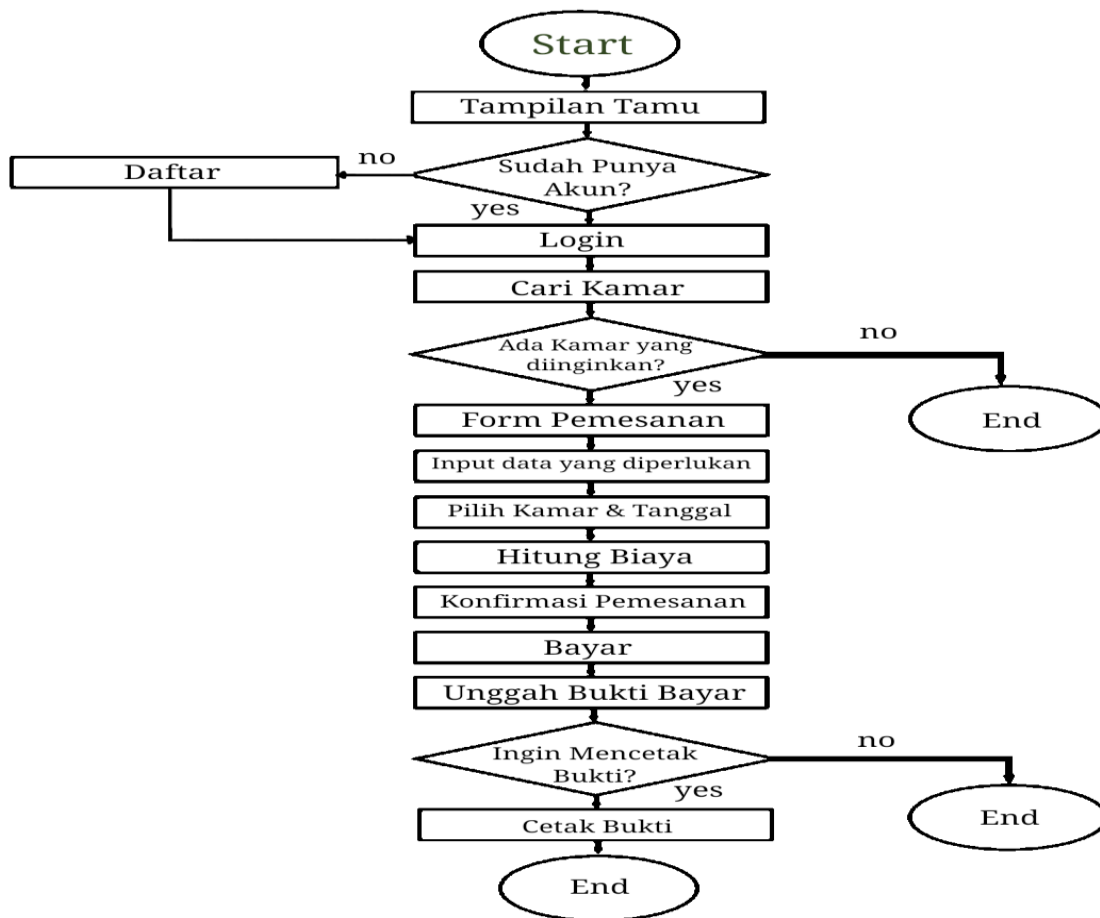
2. Basis Data (ERD)



3. 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								■	■															
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7	Koding Struktur													■	■										
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9	Koding Behavior																		■	■	■				
10	Uji Coba																					■	■		
11	Finalisasi																					■	■	■	■
12																									

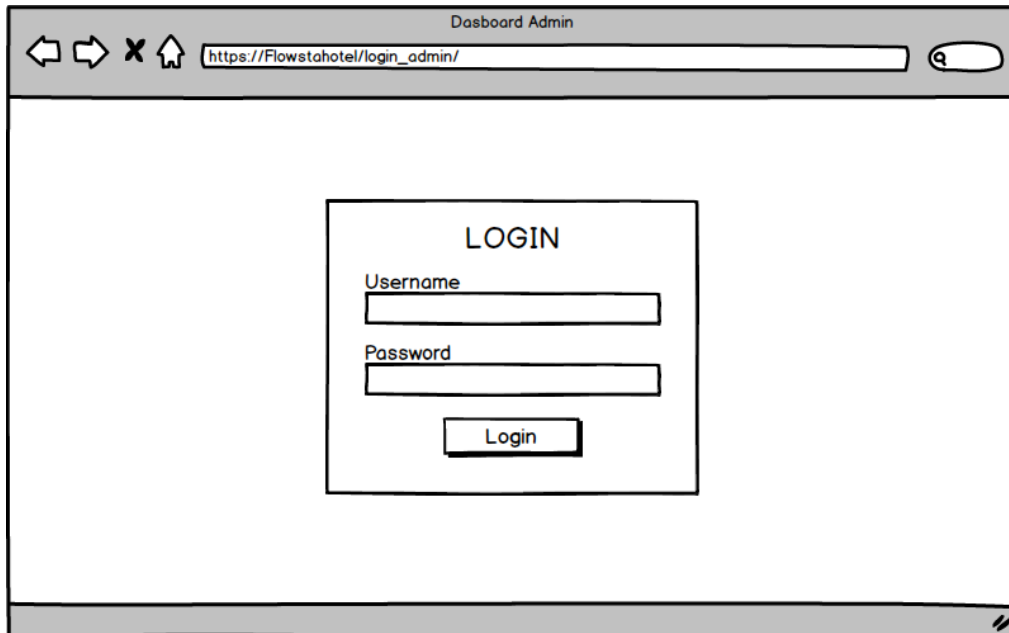
4. Flow Chart



5. Mockup (Tampilan UI)

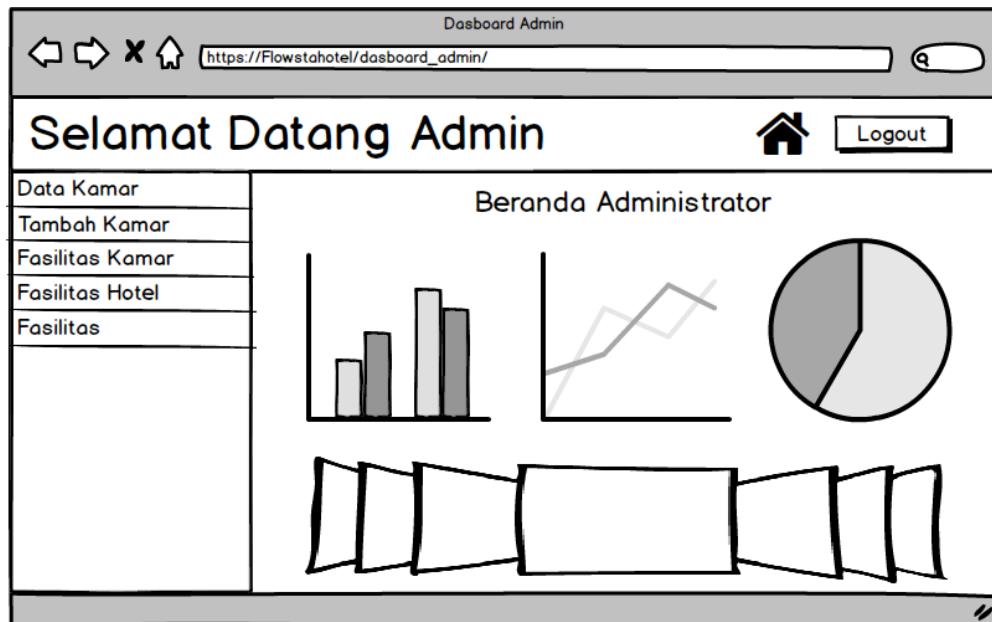
A. Mockup Admin

1. Halaman Login Admin;

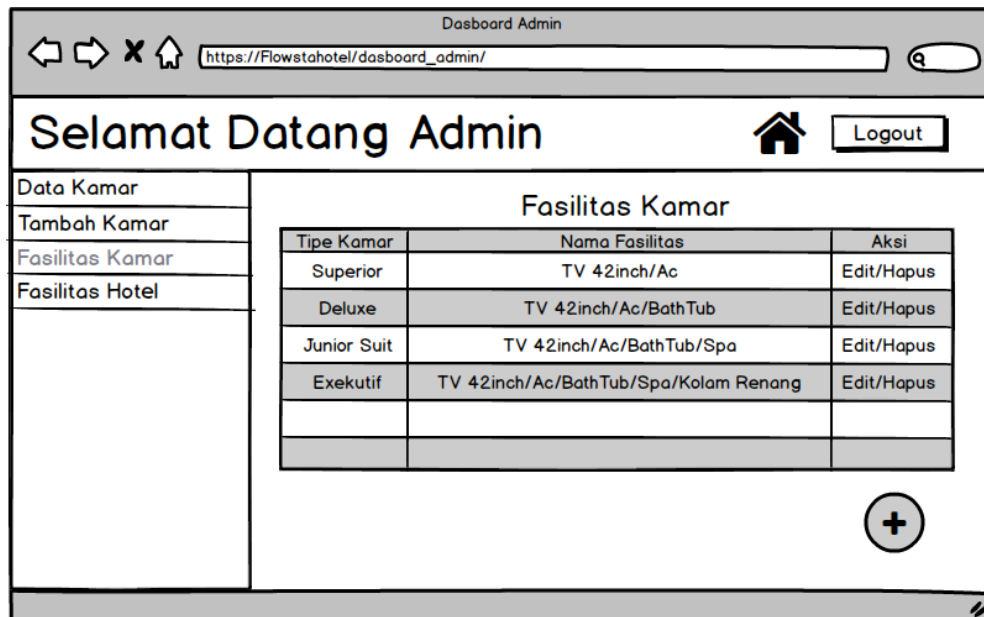


The mockup shows a web browser window titled "Dashboard Admin". The address bar contains the URL "https://Flowstahotel/login_admin/". The main content area features a central "LOGIN" form. The form has two input fields: "Username" and "Password", each followed by a text input box. Below these fields is a "Login" button. The browser window includes standard navigation icons (back, forward, stop, home) and a search icon.

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



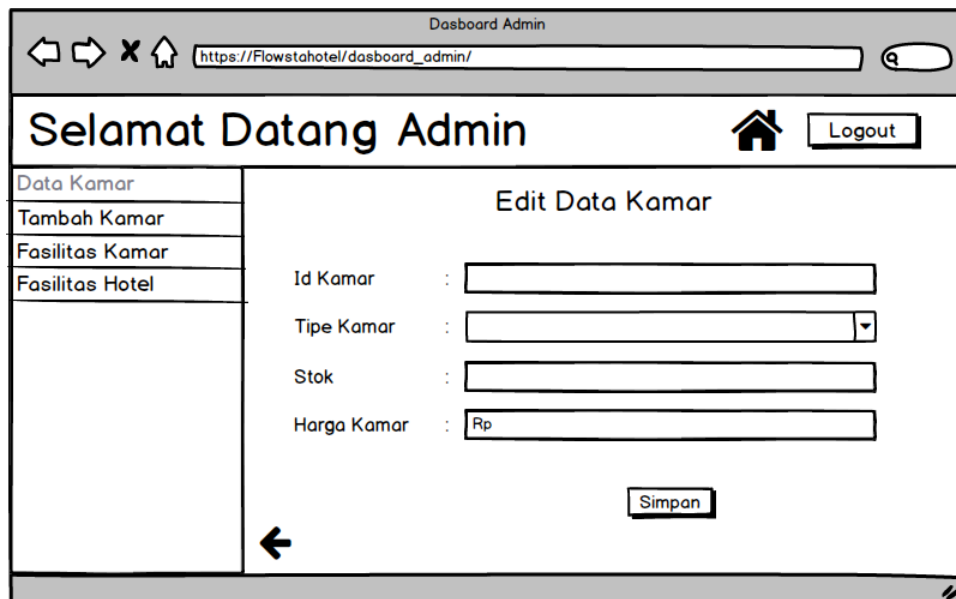
3. Ketika Admin klik tombol Data Kamar muncul halaman data kamar,



The screenshot shows the 'Dashboard Admin' interface. The left sidebar contains a menu with 'Data Kamar' highlighted. The main content area is titled 'Selamat Datang Admin' and includes a 'Logout' button. Below the title, there is a section for 'Fasilitas Kamar' (Room Facilities) which contains a table with columns 'Tipe Kamar', 'Nama Fasilitas', and 'Aksi'. The table lists four room types: Superior, Deluxe, Junior Suit, and Eksekutif, each with its respective facilities and an 'Edit/Hapus' (Edit/Delete) action link. A circular button with a plus sign is located at the bottom right of the table.

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

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,



The screenshot shows the 'Edit Data Kamar' (Edit Room Data) page. The left sidebar menu is the same as the previous page. The main content area is titled 'Edit Data Kamar' and contains a form with the following fields: 'Id Kamar' (text input), 'Tipe Kamar' (dropdown menu), 'Stok' (text input), and 'Harga Kamar' (text input with a 'Rp' prefix). A 'Simpan' (Save) button is located at the bottom right of the form. A back arrow button is located at the bottom left of the form.

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 the 'Tambah Kamar' page. On the left is a sidebar menu with 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The main area is titled 'Tambah Kamar' and contains four input fields: 'Id Kamar' (text), 'Tipe Kamar' (dropdown), 'Stok' (text), and 'Harga Kamar' (text with a 'Rp' prefix). A 'Simpan' 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, but 'Fasilitas Kamar' is now selected. The main area is titled 'Fasilitas Kamar' and contains a table with the following data:

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

Below the table is a circular button with a '+' sign for adding new facilities.

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

The screenshot shows the 'Edit Fasilitas Kamar' page. The browser address bar displays 'https://Flowstahotel/dasboard_admin/'. The page header includes 'Selamat Datang Admin' and a 'Logout' button. A sidebar on the left contains a menu with 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The main content area is titled 'Edit Fasilitas Kamar' and contains two form fields: 'Tipe Kamar' with a dropdown arrow and 'Fasilitas' with a text input area. A 'Simpan' button is located at the bottom right of the form area. A back arrow icon is positioned at the bottom left of the main content area.

8. Halaman Tambah Fasilitas Kamar

The screenshot shows the 'Tambah Kamar' page. The browser address bar displays 'https://Flowstahotel/dasboard_admin/'. The page header includes 'Selamat Datang Admin' and a 'Logout' button. A sidebar on the left contains a menu with 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The main content area is titled 'Tambah Kamar' and contains four form fields: 'Id Kamar' (text input), 'Tipe Kamar' (dropdown menu), 'Stok' (text input), and 'Harga Kamar' (text input with 'Rp' as a placeholder). A 'Simpan' button is located at the bottom right of the form area.

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

Dashboard Admin

https://Flowstahotel/dasboard_admin/

Selamat Datang Admin

Logout

- Data Kamar
- Tambah Kamar
- Fasilitas Kamar
- Fasilitas Hotel

Fasilitas Kamar

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 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

Dashboard Admin

https://Flowstahotel/dasboard_admin/

Selamat Datang Admin

Logout

- Data Kamar
- Tambah Kamar
- Fasilitas Kamar
- Fasilitas Hotel

Edit Fasilitas Kamar

Tipe Kamar :

Fasilitas :

Simpan

←

11. Halaman Tambah Fasilitas Hotel

The screenshot displays the 'Dashboard Admin' interface for 'Flowstahotel'. The browser address bar shows 'https://flowstahotel/dasboard_admin/'. The main header includes a home icon and a 'Logout' button. The sidebar on the left contains a menu with the following items: 'Data Kamar', 'Tambah Kamar', 'Fasilitas Kamar', and 'Fasilitas Hotel'. The main content area is titled 'Edit Fasilitas Kamar' and contains two form fields: 'Tipe Kamar' (a dropdown menu) and 'Fasilitas' (a text input field). A 'Simpan' button is located at the bottom right of the form area. A back arrow icon is visible at 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

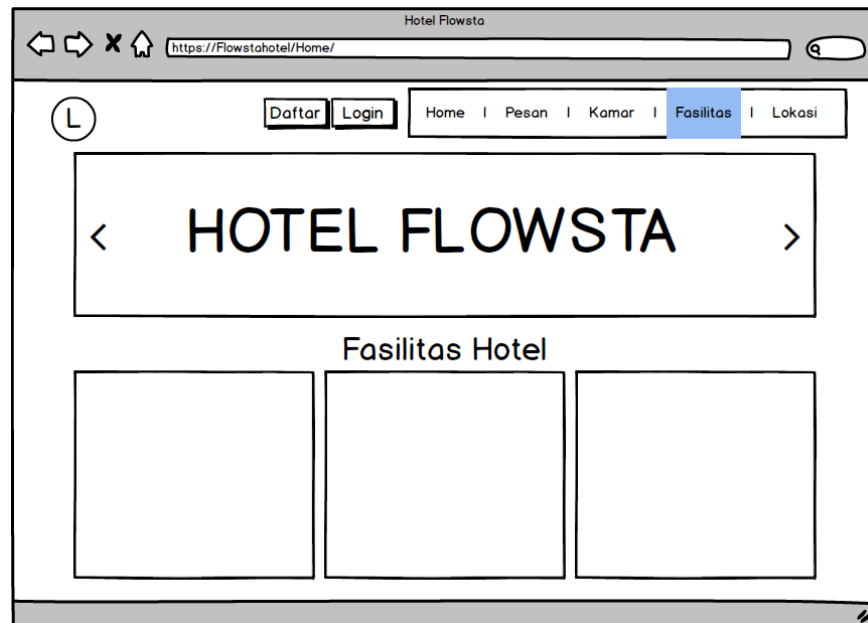
The mockup shows a web browser window with the address bar displaying "https://luxurioushotel/Home/". The page title is "Hotel Flowsta". The navigation menu includes "Logout", "Home" (highlighted), "Pesanan", "Kamar", "Fasilitas", and "Lokasi". The main content area features a large banner with the text "WELCOME TO FLOWSTA WEBSITE" and navigation arrows. Below the banner, there 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

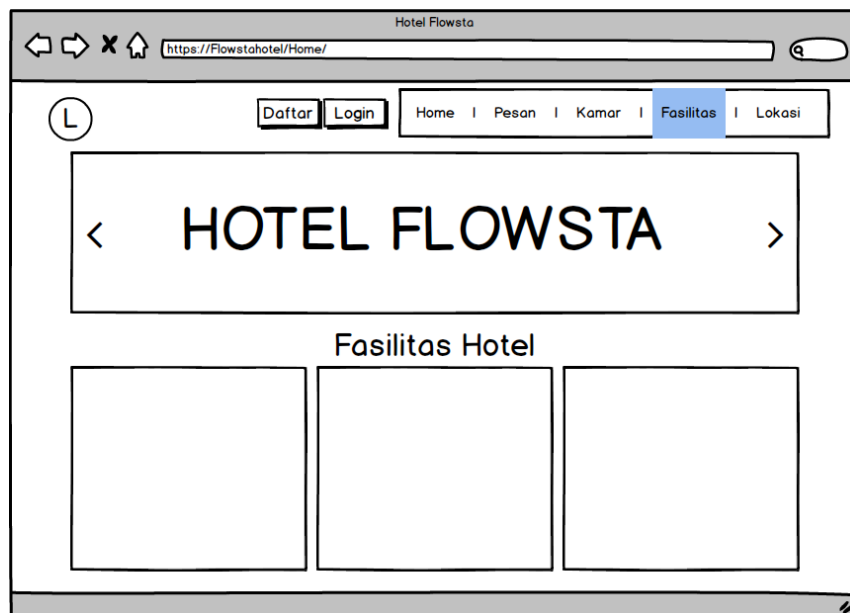
The mockup shows a web browser window with the address bar displaying "https://Flowstahotel/Home/". The page title is "Hotel Flowsta". The navigation menu includes "Daftar", "Login", "Home", "Pesanan" (highlighted), "Kamar", "Fasilitas", and "Lokasi". The main content area features a large banner with the text "HOTEL FLOWSTA" and navigation arrows. Below the banner, there is a section titled "Form Pemesanan" with the following fields:

- Tanggal Cek In: mm/dd/yy
- Tanggal Cek Out: mm/dd/yy
- Tipe Kamar: [Dropdown menu]
- Jumlah Kamar: 3
- Nama Pemesan: [Text input]
- Email: [Text input]
- No. Handphone: [Text input]
- Nama Tamu: [Text input]
- Konfirmasi Pemesanan: [Button]

3. Halaman Ketika User Mengklik tombol Kamar



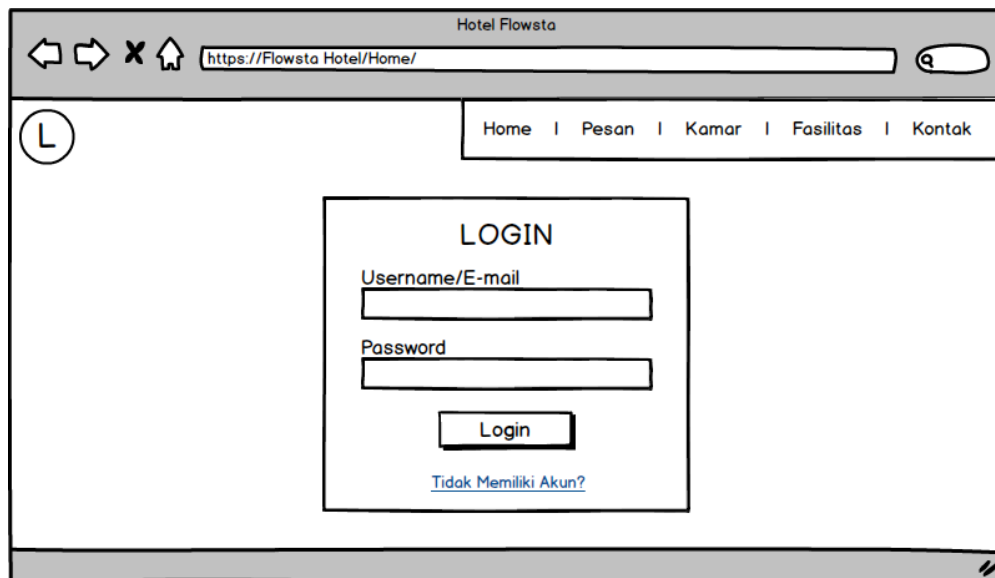
4. Halaman Ketika User Mengklik tombol Fasilitas



5. Halaman Ketika User Mengklik tombol Lokasi



6. Halaman Ketika User Login



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 Flowsta" with the URL "https://Flowstahotel/Home/". The navigation bar includes links for "Home", "Pesan", "Kamar", "Fasilitas", and "Kontak". On the left, there is a circular icon with the letter "L". The main content area features a registration form titled "DAFTAR" with the following fields: "Username", "Email", "Password", and "Konfirmasi Password". Below these fields is a "Daftar" button and a link that says "Sudah memiliki akun".

Setelah Mengklik tombol Daftar User langsung kembali ke Halaman Login

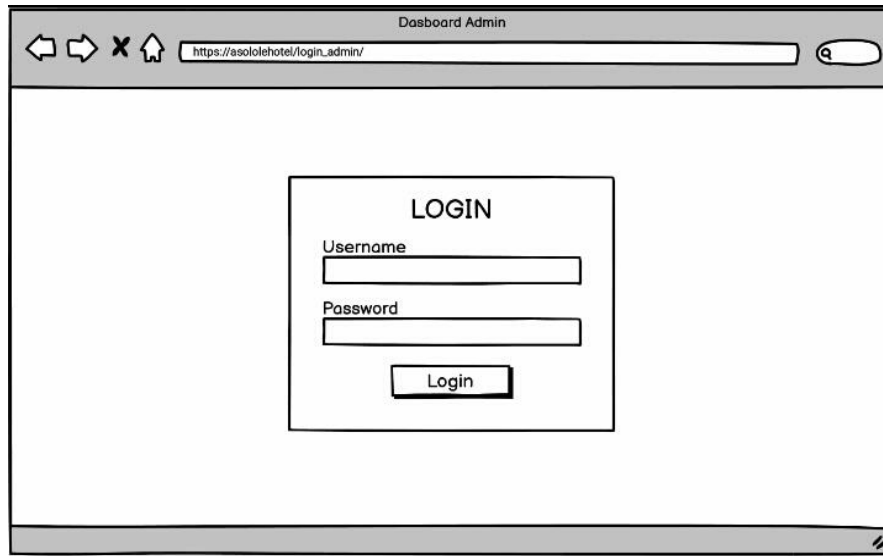
8. Halaman Ketika User sudah login

The screenshot shows the same web browser window, but the user is now logged in. The navigation bar now includes a "Logout" button and a "Home" button (highlighted in blue). The main content area displays a welcome message: "WELCOME TO FLOWSTA WEBSITE" with left and right navigation arrows. Below this, there is a section titled "Tentang Kami" (About Us) with the following 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."

Tombol yang tadinya Login Berubah jadi Logout.

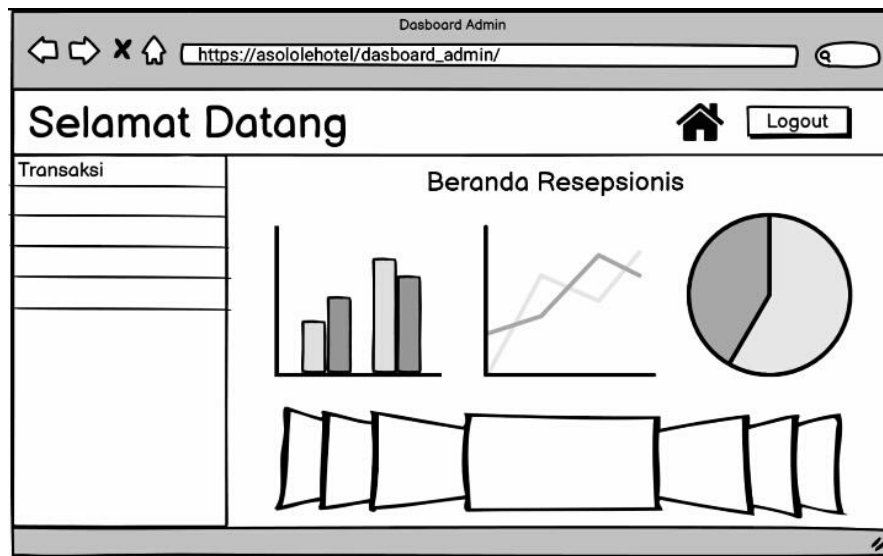
C. Mockup Resepsionis

1. Halaman Login Resepsionis

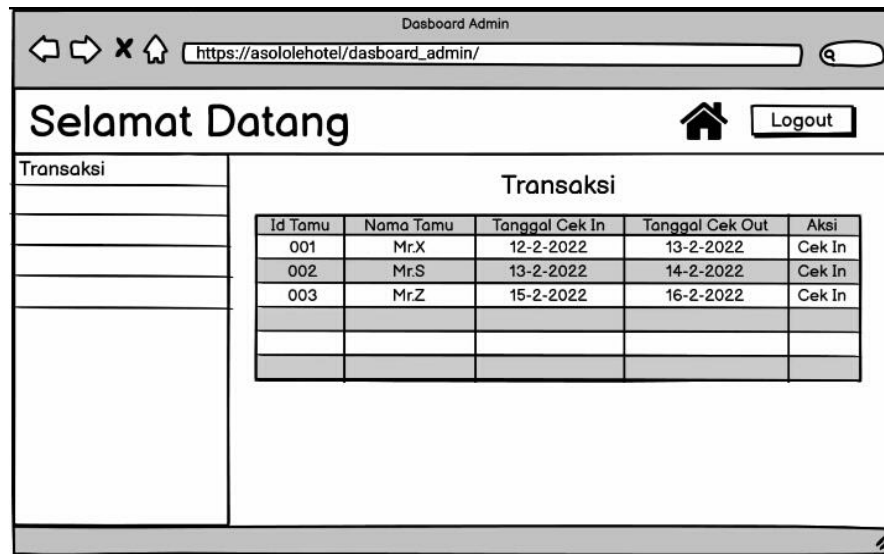


The mockup shows a web browser window titled "Dashboard Admin". The address bar contains "https://asolelehotel/login_admin/". The main content area features a central "LOGIN" form. The form has two input fields: "Username" and "Password", each followed by a password strength indicator. Below the fields is a "Login" button. The browser window also shows standard navigation icons (back, forward, stop, home) and a search bar.

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.