

LAPORAN
DOKUMENTASI PROJEK
JUSTIN'S *PRIVATE JET BOOKING*

Pemrograman Aplikasi Web E-Ticketing Pesawat Sederhana

Disusun sebagai salah satu syarat untuk mencapai kualifikasi level II
Dalam bidang Rekayasa Perangkat Lunak



Disusun oleh:

Nama : Justin Aurelius Dani
NIS : 202221510
Kelas : XII RPL 2
Prog. Keahlian : Rekayasa Perangkat Lunak

PEMERINTAH PROVINSI DAERAH KHUSUS JAKARTA
DINAS PENDIDIKAN

SEKOLAH MENENGAH KEJURUAN (SMK) NEGERI 1 JAKARTA
Jl. Budi Utomo No. 7 Jakarta Pusat

Telp/Fax: (021)3813630, 3504091 Website: smkn1jakarta.sch.id
Email: smkn1jakarta@gmail.com / tas.smkn1jkt@gmail.com

J A K A R T A

KATA PENGANTAR

Segala puji dan syukur penulis panjatkan kepada Tuhan Yang Maha Esa atas rahmat-Nya, sehingga laporan dokumentasi proyek Justin's Private Jet Booking ini dapat terselesaikan tepat waktu. Laporan ini disusun untuk memenuhi kewajiban sertifikasi dan memberikan gambaran serta penjelasan dari aplikasi E-Ticketing. Semoga laporan ini bermanfaat sebagai wujud bukti dari penyelesaian pembuatan proyek. Penulis mengucapkan terima kasih ini kepada:

1. Bapak Awalusilman, M.Pd. selaku Kepala SMK Negeri 1 Jakarta,
2. Bapak Novi Ari Wibowo, S.Kom. selaku Kepala Program Keahlian Rekayasa Perangkat Lunak dan Sistem Informasi Jaringan dan Aplikasi,
3. Bapak Dekson Yoni Toto, S.PAK. selaku Wali Kelas XII RPL 2,
4. Bapak Moch Ilyas Taufiqu Rohman Syabani, selaku Asesor untuk USK LSP Sesi 3 di ruang 408,
5. Bapak Abdul Ghafur, M.Kom., M.Pd. selaku Penyusun USK LSP dan Guru yang memberikan Pendalaman Materi USK LSP P1 di SMK Negeri 1 Jakarta,
6. Rekan Satu Kelompok Persiapan USK LSP P1,
7. Seluruh Rekan yang turut mengikuti USK LSP Sesi 3 di ruang 408.

Jakarta, 13 Februari 2025

Justin Aurelius Dani
NIS.202221510

DAFTAR ISI

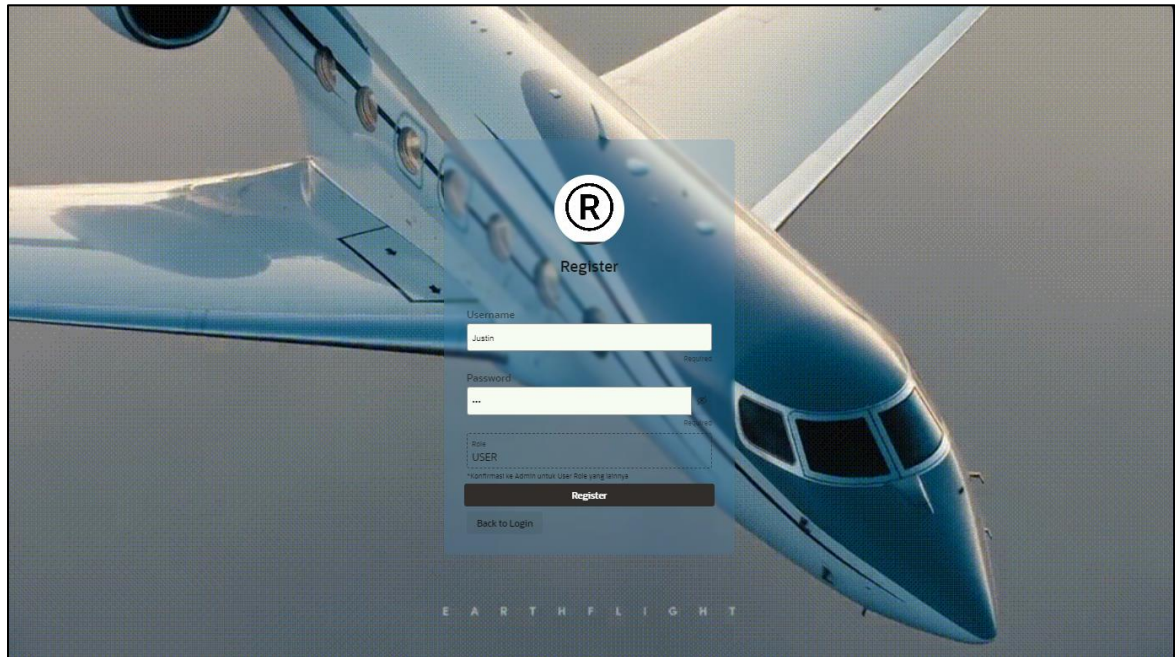
KATA PENGANTAR	ii
<u>BAB I TANGKAPAN LAYAR APLIKASI E-TICKETING</u>	<u>5</u>
1.1 HALAMAN REGISTER	5
1.2 HALAMAN SIGN-IN/LOGIN	5
1.3 LOG OUT/SIGN OUT	6
1.4 TAMPILAN HOME/DASHBOARD (ADMIN)	6
1.5 TAMPILAN HOME/DASHBOARD (USER)	7
1.6 TAMPILAN TABLE AIRPORT/HANGAR (ADMIN)	7
1.7 TAMPILAN FORM AIRPORT/HANGAR (ADMIN)	8
1.8 TAMPILAN TABLE AIRLINE/MASKAPAI (ADMIN)	9
1.9 TAMPILAN FORM TABLE AIRLINE/MASKAPAI	9
1.10 TAMPILAN TABLE USER (ADMIN)	10
1.11 TAMPILAN FORM TABLE USER (ADMIN)	10
1.12 TAMPILAN MENU FLIGHT/PENERBANGAN (ADMIN)	11
1.13 TAMPILAN FORM FLIGHT/PENERBANGAN (ADMIN)	11
1.14 TAMPILAN MENU BOOKING/PEMESANAN (ADMIN)	12
1.15 TAMPILAN FORM BOOKING/PEMESANAN (ADMIN)	12
1.16 TAMPILAN MENU BOOKING (USER)	13
1.17 TAMPILAN FORM BOOKING (USER)	14
1.18 TAMPILAN MENU RIWAYAT BOOKING (USER)	14
1.19 TAMPILAN FORM KONFIRMASI PEMBAYARAN (USER)	15
1.20 TAMPILAN FORM KONFIRMASI PEMBAYARAN (ADMIN)	16
DAFTAR PUSTAKA	17
LAMPIRAN - LAMPIRAN	18

1. KURI SQL TABLE.....	18
------------------------	----

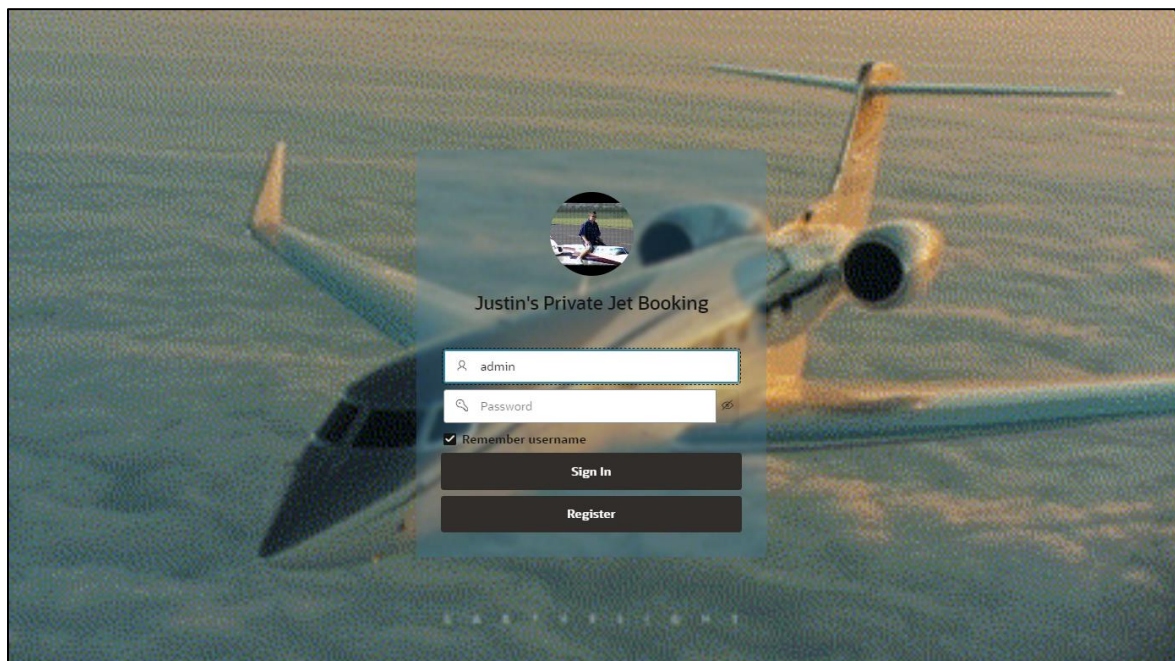
BAB I

TANGKAPAN LAYAR APLIKASI E-TICKETING

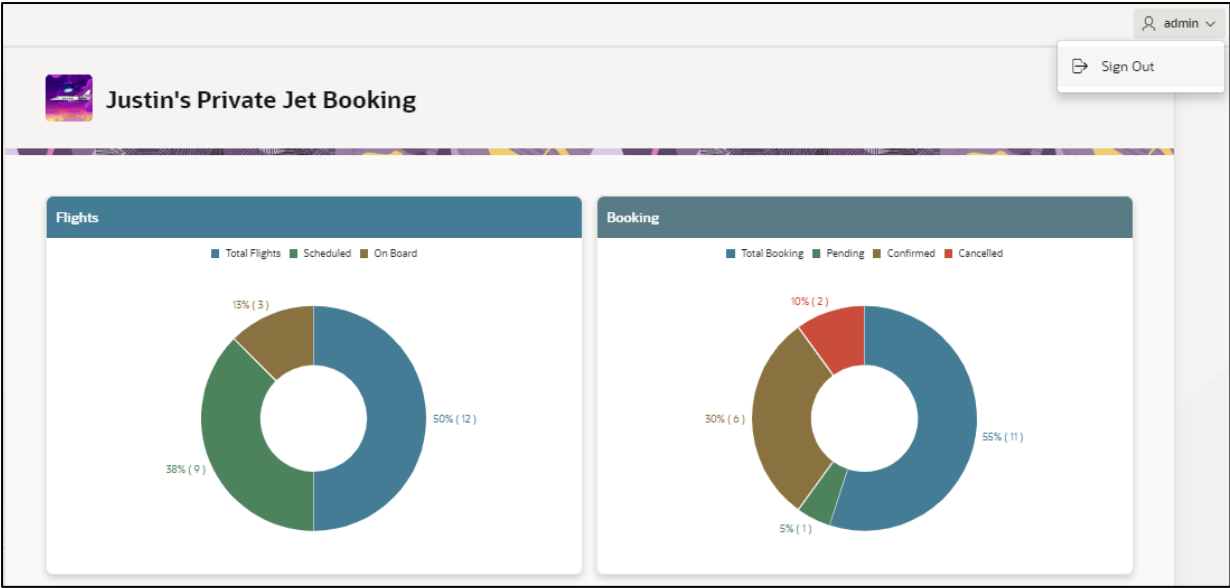
1.1 TAMPILAN HALAMAN REGISTER



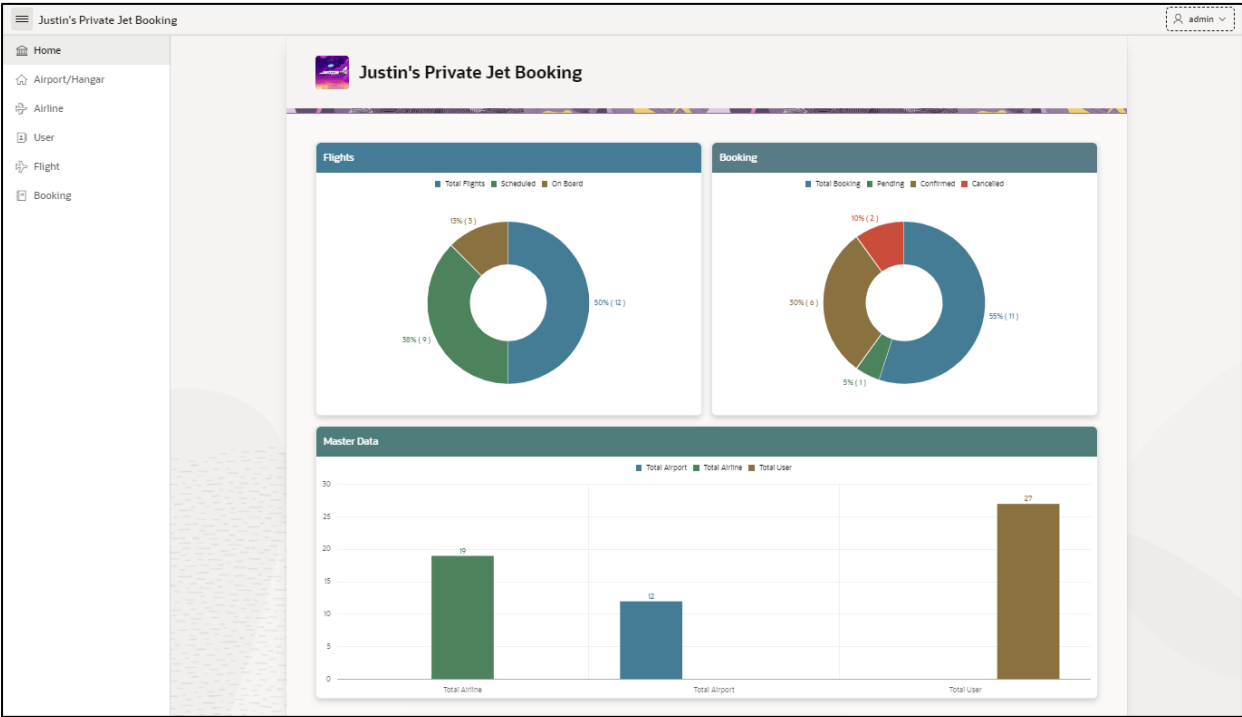
1.2 TAMPILAN HALAMAN SIGN-IN/LOGIN



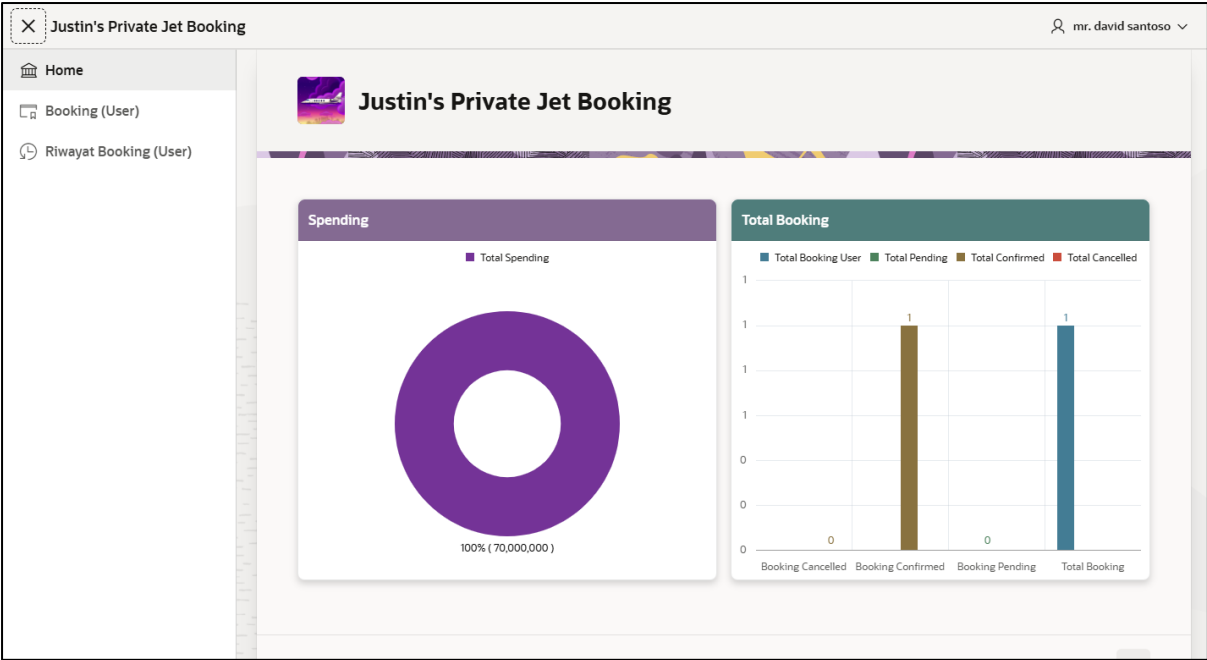
1.3 LOG OUT/SIGN OUT



1.4 TAMPILAN HOME/DASHBOARD (ADMIN)



1.5 TAMPILAN HOME/DASHBOARD (USER)



1.7 TAMPILAN FORM AIRPORT/HANGAR (ADMIN)

Form Airport/Hangar

Airport ID

13

Airport Name

Moffett Federal Airfield

Required

Airport Code

MFA

Required

City

California

Required

Country

United States of America












Required

Cancel

Delete

Apply Changes

1.8 TAMPILAN TABLE AIRLINE/MASKAPAI (ADMIN)

Airline/Maskapai		
<div><div>Q</div><div></div><div>Go</div><div>Actions</div><div>Create</div></div>		
	Airline Name	Airline Code
	VistaJet	VJ
	TAG Aviation	TA
	ExecuJet	EJ
	Sino Jet	SJ
	Royal Jet	RJ
	Singapore Jet Charter	SJC
	Jet Asia Pacific	JAP
	Mandarin Jet	MJ
	Hongkong Jet	HKJ
	Bali Executive Jet	BEJ
1 - 10 >		

1.9 TAMPILAN FORM TABLE AIRLINE/MASKAPAI

Form Airline/Maskapai

Airline ID

1

Airline Name

VistaJet

Required

Airline Code

VJ

Required

Cancel

Delete

Apply Changes











1.10 TAMPILAN TABLE USER (ADMIN)

User

Q

Go

Actions

	Username	Password	Role
	admin	123	ADMIN
	Justin	123	USER
	Pak Ilyas	123	USER
	Paundra	123	USER
	Pak Totok	123	USER
	Mufid	123	USER
	Akbir	123	USER
	Mr. Alexander	123	USER
	Mr. Jonathan Lee	123	USER
	Mr. Charles Wong	123	USER

1 - 10 >

1.11 TAMPILAN FORM TABLE USER (ADMIN)

Form User

Username

admin

Password

123

Role

ADMIN

Cancel

Delete

Apply Changes

1.12 TAMPILAN MENU FLIGHT/PENERBANGAN (ADMIN)

Flight/Penerbangan						
<div> <input type="text"/> <input type="button" value="Go"/> <input type="button" value="Actions"/> <input type="button" value="Create"/> </div>						
<div> <input type="button" value="Status"/> </div>						
Status: On Board						
	Flight Number	Departure Time	Arrival Time	Departure Airport	Arrival Airport	Airline
	FL01	13-FEB-2025	13-FEB-2025	Halim Perdanakusuma Private Jet Terminal	Makassar VIP Jet Hangar	VistaJet
	FL02	12-FEB-2025	13-FEB-2025	Bali International Private Jet Terminal	Seletar Airport Private Jet Terminal	ExecuJet
	FL07	12-FEB-2025	13-FEB-2025	Bali International Private Jet Terminal	Makassar VIP Jet Hangar	Platinum Jet
Status: Scheduled						
	Flight Number	Departure Time	Arrival Time	Departure Airport	Arrival Airport	Airline
	FL03	14-FEB-2025	14-FEB-2025	Surabaya Executive Jet Center	Subang Skypark Terminal	Royal Jet
	FL04	11-FEB-2025	13-FEB-2025	Makassar VIP Jet Hangar	Clark International VIP Hangar	Jet Asia Pacific
	FL05	13-FEB-2025	14-FEB-2025	Medan Private Aviation Hub	Ninoy Aquino Executive Jet Center	Hongkong Jet
	FL06	15-FEB-2025	16-FEB-2025	Halim Perdanakusuma Private Jet Terminal	Bali International Private Jet Terminal	Air Charter Services
	FL08	13-FEB-2025	14-FEB-2025	Surabaya Executive Jet Center	Bali International Private Jet Terminal	Gulfstream Charter
	FL09	18-FEB-2025	19-FEB-2025	Makassar VIP Jet Hangar	Clark International VIP Hangar	Bombardier Aviation
	FL10	13-FEB-2025	13-FEB-2025	Medan Private Aviation Hub	Phnom Penh Elite Jet Hub	Air Luxe Charter
	FL11	22-FEB-2025	22-FEB-2025	Seletar Airport Private Jet Terminal	Noi Bai Executive Jet Terminal	Jet Asia Pacific
	FL12	01-MAY-2025	02-MAY-2025	Bali International Private Jet Terminal	Clark International VIP Hangar	Bali Executive Jet
1 - 12						

1.13 TAMPILAN FORM FLIGHT/PENERBANGAN (ADMIN)

Form Flight/Penerbangan

Flight Number

FL01

Departure Time

13-FEB-2025

Arrival Time

13-FEB-2025

Departure Airport

Halim Perdanakusuma Private Jet Terminal

Arrival Airport

Makassar VIP Jet Hangar

Airline

VistaJet

Status

On Board

Cancel

Delete

Apply Changes

1.14 TAMPILAN MENU BOOKING/PEMESANAN (ADMIN)

Booking/Pemesanan							
<div><input type="text"/> Go Actions</div>							
<div>Booking Status</div>							
Booking Status: Cancelled							
	Flight Number	Booking Date	User Name	Seat Class	Price	Payment	Payment Status
	FL07	16-FEB-2025	Mr. Benjamin Ho	Prestige	130,000,000.00	Credit Card	Cancelled
	FL01	11-FEB-2025	Mr. Alexander	Executive	45,000,000.00	Bank Transfer	Cancelled
Booking Status: Confirmed							
	Flight Number	Booking Date	User Name	Seat Class	Price	Payment	Payment Status
	FL08	17-FEB-2025	Mr. David Santoso	Executive	70,000,000.00	PayPal	Confirmed
	FL10	19-FEB-2025	Mr. Edward Lau	Prestige	150,000,000.00	Bank Transfer	Confirmed
	FL06	15-FEB-2025	Mr. Richard Lim	Business	60,000,000.00	Bank Transfer	Confirmed
	FL03	12-FEB-2025	Mr. Charles Wong	Prestige	120,000,000.00	Credit Card	Confirmed
	FL02	12-FEB-2025	Mr. Jonathan Lee	Luxury	80,000,000.00	E-Wallet	Confirmed
	FL04	13-FEB-2025	Mr. William Tan	Executive	55,000,000.00	Bank Transfer	Confirmed

1.15 TAMPILAN FORM BOOKING/PEMESANAN (ADMIN)

Form Booking/Pemesanan

Flight Number
FL07

Booking Date
16-FEB-2025

Username
Mr. Benjamin Ho

Seat Class
Prestige

Price
130,000,000.00

Payment
Credit Card

Payment Status
Cancelled

Booking Status
Cancelled

CancelDelete

Apply Changes

1.16 TAMPILAN MENU BOOKING (USER)

Booking

Q

Go

Actions

Flight Number	Departure Time	Departure	Arrival	Airline Name	Status
FL04	11-FEB-2025	MVJ - Makassar	CPH - Clark	Jet Asia Pacific	Scheduled
FL08	13-FEB-2025	SEJ - Surabaya	BIP - Denpasar	Gulfstream Charter	Scheduled
FL05	13-FEB-2025	MPH - Medan	NEJ - Manila	Hongkong Jet	Scheduled
FL10	13-FEB-2025	MPH - Medan	PPE - Phnom Penh	Air Luxe Charter	Scheduled
FL03	14-FEB-2025	SEJ - Surabaya	SST - Kuala Lumpur	Royal Jet	Scheduled
FL06	15-FEB-2025	HLP - Jakarta	BIP - Denpasar	Air Charter Services	Scheduled
FL09	18-FEB-2025	MVJ - Makassar	CPH - Clark	Bombardier Aviation	Scheduled
FL11	22-FEB-2025	SAT - Singapura	NBE - Hanoi	Jet Asia Pacific	Scheduled
FL12	01-MAY-2025	BIP - Denpasar	CPH - Clark	Bali Executive Jet	Scheduled

1 - 9

Booking Now!

1.17 TAMPILAN FORM BOOKING (USER)

Form Booking

Flight Number

FL03

Booking Date

13-FEB-2025

User

Mr. David Santoso

Seat Class

Luxury

Price

3,000,000.00

Payment

Credit Card

Payment Status

PENDING

Booking Status

PENDING

Cancel

Lanjut

1.18 TAMPILAN MENU RIWAYAT BOOKING (USER)

Riwayat Booking

Q

Go

Actions

Q

No data found.

Q

Go

Actions

Booking Status

Booking Status = 'Cancelled'

Booking Status: Confirmed

Flight Number	Booking Date	Seat Class	Price	Payment Status
FL08	17-FEB-2025	Executive	70,000,000.00	Confirmed

1 - 1

14

1.19 TAMPILAN FORM KONFIRMASI PEMBAYARAN (USER)

Form Konfirmasi Pembayaran

Booking Date

14-FEB-2025

Required

Seat Class

Executive

Required

Price

2,000,000.00

Required

Flight Number

FL10

Payment Status

Sudah Dikirim

-- Select Status --

Sudah Dikirim

Cancel

Kirim

1.20 TAMPILAN FORM KONFIRMASI PEMBAYARAN (ADMIN)

Flight Number

FL10

Booking Date

14-FEB-2025

Username

Mr. David Santoso

Seat Class

Executive

Price

2,000,000.00

Payment

E-Wallet

Payment Status

Confirmed

-- Select Status --

Cancelled

Confirmed

Cancel

Delete

Apply Changes

DAFTAR PUSTAKA

Oracle. (2021, Januari 13). *Oracle* Cloud Infrastructure Delivers New Low-code Service to Simplify Application Development. Retrieved from *Oracle*: <https://www.oracle.com/news/announcement/oracle-apex-application-development-service-011321/>

Oracle. (2021, Mei 18). *PL/SQL*: Bahasa pemrograman untuk prosedur dan query *Oracle*. Retrieved from <https://docs.oracle.com/en/database/oracle/oracle-database/19/plsql/>

LAMPIRAN - LAMPIRAN

1. KUERI SQL TABLE

```
CREATE TABLE "USERS"  
( "USER_ID" NUMBER,  
  "USER_NAME" VARCHAR2(100) NOT NULL ENABLE,  
  "USER_PASS" VARCHAR2(100) NOT NULL ENABLE,  
  "USER_ROLE" VARCHAR2(50),  
  "USER_ACTIVATED" NUMBER(1,0) DEFAULT 0,  
  PRIMARY KEY ("USER_ID")  
  USING INDEX ENABLE  
);
```

```
CREATE TABLE "AIRPORTS"  
( "AIRPORT_ID" NUMBER,  
  "AIRPORT_NAME" VARCHAR2(50),  
  "AIRPORT_CODE" VARCHAR2(5),  
  "CITY" VARCHAR2(100),  
  "COUNTRY" VARCHAR2(100),  
  PRIMARY KEY ("AIRPORT_ID")  
  USING INDEX ENABLE,  
  UNIQUE ("AIRPORT_CODE")  
  USING INDEX ENABLE  
);
```

```
CREATE TABLE "AIRLINES"  
( "AIRLINE_ID" NUMBER,  
  "AIRLINE_NAME" VARCHAR2(100),  
  "AIRLINE_CODE" VARCHAR2(5),  
  PRIMARY KEY ("AIRLINE_ID")  
  USING INDEX ENABLE,  
  UNIQUE ("AIRLINE_CODE")  
  USING INDEX ENABLE  
);
```

```
CREATE TABLE "FLIGHTS"  
( "FLIGHT_ID" NUMBER,  
  "FLIGHT_NUMBER" VARCHAR2(20),  
  "DEPARTURE_TIME" TIMESTAMP (6),  
  "ARRIVAL_TIME" TIMESTAMP (6),  
  "DEPARTURE_AIRPORT" NUMBER,  
  "ARRIVAL_AIRPORT" NUMBER,  
  "AIRLINE_ID" NUMBER,  
  "STATUS" VARCHAR2(50),  
  PRIMARY KEY ("FLIGHT_ID")  
  USING INDEX ENABLE,  
  UNIQUE ("FLIGHT_NUMBER")
```

```

USING INDEX ENABLE
);

ALTER TABLE "FLIGHTS" ADD CONSTRAINT "FK_AIRLINE" FOREIGN KEY
("AIRLINE_ID")
    REFERENCES "AIRLINES" ("AIRLINE_ID") ENABLE;
ALTER TABLE "FLIGHTS" ADD CONSTRAINT "FK_ARRIVAL_AIRPORT" FOREIGN
KEY ("ARRIVAL_AIRPORT")
    REFERENCES "AIRPORTS" ("AIRPORT_ID") ENABLE;
ALTER TABLE "FLIGHTS" ADD CONSTRAINT "FK_DEPARTURE_AIRPORT"
FOREIGN KEY ("DEPARTURE_AIRPORT")
    REFERENCES "AIRPORTS" ("AIRPORT_ID") ENABLE;

```

```

CREATE TABLE "BOOKINGS"
( "BOOKING_ID" NUMBER,
  "BOOKING_DATE" DATE DEFAULT CURRENT_DATE NOT NULL ENABLE,
  "FLIGHT_ID" NUMBER NOT NULL ENABLE,
  "USER_ID" NUMBER NOT NULL ENABLE,
  "SEAT_CLASS" VARCHAR2(20) NOT NULL ENABLE,
  "PRICE" NUMBER NOT NULL ENABLE,
  "PAYMENT" VARCHAR2(50) NOT NULL ENABLE,
  "BOOKING_STATUS" VARCHAR2(50),
  "PAYMENT_STATUS" VARCHAR2(50),
  PRIMARY KEY ("BOOKING_ID")
USING INDEX ENABLE
);

ALTER TABLE "BOOKINGS" ADD CONSTRAINT "FK_BOOKING_FLIGHT"
FOREIGN KEY ("FLIGHT_ID")
    REFERENCES "FLIGHTS" ("FLIGHT_ID") ENABLE;
ALTER TABLE "BOOKINGS" ADD CONSTRAINT "FK_BOOKING_USER" FOREIGN
KEY ("USER_ID")
    REFERENCES "USERS" ("USER_ID") ENABLE;

```