1NF																													
			USER					HOU	SE					RES	ERVATION					PAY	MENT					COMMU	INICATION		
user_id	name	email	phone_number	address	account_status	house_id	house_area	block_name	full_price	down_payment	status	reservation_id	user_id	house_id	start_date	end_date	reservation_status	payment_id	reservation_id	method	amount	payment_date	status	message_id	user_id	type	send_time	content	read_status
U001	Afra Lintang	afra@gmail.com	81234567890	Jl. Mawar No.1	Active	H001	72 m²	A1	500,000,000	50,000,000	Available	R001	U001	H001	2025-10-01	2025-10-03	Pending	P001	R001	Transfer	50,000,000	2025-10-02	Pending	C001	U001	Email	2025-10-01	si Anda sedang	d Unread
U002	Dimas Ardi	dimas@gmail.com	82345678901	Jl. Melati No.2	Active	H002	90 m²	A2	650,000,000	65,000,000	Reserved	R002	U002	H002	2025-10-02	2025-10-05	Confirmed	P002	R002	Cash	65,000,000	2025-10-03	Completed	C002	U002	OTP	2025-10-02	e OTP Anda: 84	3 Read
U003	Nabila Putri	nabila@gmail.com	83456789012	Jl. Anggrek No.3	Inactive	H003	120 m²	B1	850,000,000	85,000,000	Sold	R003	U003	H003	2025-10-03	2025-10-06	Cancelled	P003	R003	Transfer	85,000,000	2025-10-04	Cancelled	C003	U003	Email	2025-10-03	rvasi Anda dibat	a Read
U004	Farhan Rizky	farhan@gmail.com	84567890123	Jl. Kenanga No.4	Active	H004	100 m²	B2	750,000,000	75,000,000	Available	R004	U004	H004	2025-10-04	2025-10-07	Confirmed	P004	R004	Cash	75,000,000	2025-10-05	Completed	C004	U004	Email	2025-10-04	mbayaran diterir	m Unread
U005	Sinta Maharani	sinta@gmail.com	85678901234	Jl. Dahlia No.5	Active	H005	80 m²	C1	600.000.000	60.000.000	Reserved	R005	U005	H005	2025-10-05	2025-10-08	Pending	P005	R005	Transfer	60.000.000	2025-10-06	Pending	C005	U005	OTP	2025-10-05	e OTP Anda: 129	9 Read

NF					
,		USER			
user_id	name	email	phone_number	address	account_status
U001	Afra Lintang	afra@gmail.com	81234567890	Jl. Mawar No.1	Active
U002	Dimas Ardi	dimas@gmail.com	82345678901	Jl. Melati No.2	Active
U003 Nabila Putri		nabila@gmail.com	83456789012	Jl. Anggrek No.3	Inactive
U004	Farhan Rizky	farhan@gmail.com	84567890123	Jl. Kenanga No.4	Active
U005	Sinta Maharani	sinta@gmail.com	85678901234	Jl. Dahlia No.5	Active
		HOUSE			
house_id	house_area	block_id	full_price	status	
H001	72 m²	B001	500,000,000	Available	
H002	90 m²	B002	650,000,000	Reserved	
H003	120 m²	B003	850,000,000	Sold	
H004	100 m²	B004	750,000,000	Available	
H005	80 m²	B005	600,000,000	Reserved	
		BLOCK			
block_id	block_name	num_bedroom	num_bathroom	num_living_room	
B001	A1	2	1	1	
B002	A2	3	2	1	
B003	B1	3	2	2	
B004	B2	4	3	2	
B005	C1	2	1	1	
	RESIDENCE				
residence_id	residence_name	location			

				Purwokerto Barat	ljen Nebraska	RS001
				Purwokerto Selatan	ljen Raya	RS002
				Purwokerto Timur	ljen Delima	RS003
				Purwokerto Utara	ljen Gold 3	RS004
				Sokaraja	ljen Raya	RS005
				PT		
		address	finance_bank	npwp	name_pt	pt_id
		Banyuwangi	BCA	01.234.567.8-987.000	PT Bumimoro agung	PT001
		Banyuwangi	Mandiri	02.111.333.4-876.000	PT Bumi Bangun Persada Property	PT002
		Banyuwangi	BNI	03.555.222.9-765.000	PT Property Bintang Mandiri	PT003
		Banyuwangi	BRI	04.999.111.0-654.000	PT Bumi Bangun Persada Property	PT004
		Banyuwangi	CIMB	05.888.000.1-543.000	PT Bumimoro agung	PT005
			TION	RESERVA		
			start data	house_id	user_id	reservation_id
status	reservation_statu	end_date	start_date	_		R001
	reservation_status	end_date 2025-10-03	2025-10-01	H001	U001	11001
g	<del>-</del>			_	U001 U002	R002
g ed	Pending	2025-10-03	2025-10-01	H001		
g ed ed	Pending Confirmed	2025-10-03 2025-10-05	2025-10-01 2025-10-02	H001 H002	U002	R002
g ed ed	Pending Confirmed Cancelled	2025-10-03 2025-10-05 2025-10-06	2025-10-01 2025-10-02 2025-10-03	H001 H002 H003	U002 U003	R002 R003
g ed ed	Pending Confirmed Cancelled Confirmed	2025-10-03 2025-10-05 2025-10-06 2025-10-07	2025-10-01 2025-10-02 2025-10-03 2025-10-04	H001 H002 H003 H004	U002 U003 U004	R002 R003 R004
g ed ed	Pending Confirmed Cancelled Confirmed	2025-10-03 2025-10-05 2025-10-06 2025-10-07	2025-10-01 2025-10-02 2025-10-03 2025-10-04	H001 H002 H003 H004	U002 U003 U004	R002 R003 R004
g ed ed	Pending Confirmed Cancelled Confirmed	2025-10-03 2025-10-05 2025-10-06 2025-10-07	2025-10-01 2025-10-02 2025-10-03 2025-10-04	H001 H002 H003 H004	U002 U003 U004	R002 R003 R004
g ed ed	Pending Confirmed Cancelled Confirmed	2025-10-03 2025-10-05 2025-10-06 2025-10-07	2025-10-01 2025-10-02 2025-10-03 2025-10-04	H001 H002 H003 H004 H005	U002 U003 U004	R002 R003 R004
g ed ed ed	Pending Confirmed Cancelled Confirmed	2025-10-03 2025-10-05 2025-10-06 2025-10-07	2025-10-01 2025-10-02 2025-10-03 2025-10-04 2025-10-05	H001 H002 H003 H004 H005	U002 U003 U004	R002 R003 R004
g ed ed ed g	Pending Confirmed Cancelled Confirmed Pending	2025-10-03 2025-10-05 2025-10-06 2025-10-07 2025-10-08	2025-10-01 2025-10-02 2025-10-03 2025-10-04 2025-10-05	H001 H002 H003 H004 H005	U002 U003 U004 U005	R002 R003 R004 R005

DP003	R003	PT003	Transfer	TX1003	85,000,000	Cancelled
DP004	R004	PT004	Cash	TX1004	75,000,000	Completed
DP005	R005	PT005	Transfer	TX1005	60,000,000	Pending
		NOTIF	CATION			
notif_id	admin_id	reservation_id	message	send_time	read_status	
N001	A001	R001	Reservasi Anda sedang diproses	2025-10-01	Unread	
N002	A002	R002	Pembayaran diterima	2025-10-03	Read	
N003	A003	R003	Reservasi dibatalkan	2025-10-04	Read	
N004	A004	R004	Reservasi dikonfirmasi	2025-10-05	Unread	
N005	A005	R005	Pembayaran masih pending	2025-10-06	Unread	
		ADMIN				
admin_id	name_admin	email_admin	password	last_login		
A001	Rudi Hartono	rudi@ptas.com	admin123	2025-10-01		
A002	Maya Sari	maya@ptcm.com	maya456	2025-10-02		
A003	Dito Fajar	dito@ptlj.com	dito789	2025-10-03		
A004	Indah Putri	indah@ptmm.com	indah111	2025-10-04		
A005	Bagas Ardi	bagas@ptst.com	bagas222	2025-10-05		

NF			User		I
user_id	name	email	phone_number	address	account_status
U001	Afra Lintang	afra@gmail.com	81234567890	Jl. Mawar No.1	Active
U002	Dimas Ardi	dimas@gmail.com	82345678901	Jl. Melati No.2	Active
U003	Nabila Putri	nabila@gmail.com	83456789012	Jl. Anggrek No.3	Inactive
U004	Farhan Rizky	farhan@gmail.com	84567890123	Jl. Kenanga No.4	Active
U005	Sinta Maharani	sinta@gmail.com	85678901234	Jl. Dahlia No.5	Active
			Reservation		
eservation_id	user_id	house_id	start_date	end_date	reservation_status
R001	U001	H001	2025-10-01	2025-10-03	Pending
R002	U002	H002	2025-10-02	2025-10-05	Confirmed
R003	U003	H003	2025-10-03	2025-10-06	Cancelled
R004	U004	H004	2025-10-04	2025-10-07	Confirmed
R005	U005	H005	2025-10-05	2025-10-08	Pending
			House		1
house_id	house_area	block_id	residence_id	full_price	status
H001	72 m²	B001	RS001	500,000,000	Available
H002	90 m²	B002	RS002	650,000,000	Reserved
H003	120 m²	B003	RS003	850,000,000	Sold
H004	100 m²	B004	RS004	750,000,000	Available
H005	80 m²	B005	RS005	600,000,000	Reserved
		Blo	ck		
block_id	block_name	num_bedroom	num_bathroom	num_living_room	
B001	A1	2	1	1	
B002	A2	3	2	 1	
B003	B1	3	2	2	
B004	B2	4	3	2	
	C1	2	1	1	

	Residence					
residence_id	residence_name	location				
RS001	ljen Nebraska	Purwokerto Barat				
RS002	ljen Raya	Purwokerto Selatan				
RS003	ljen Delima	Purwokerto Timur				
RS004	ljen Gold 3	Purwokerto Utara				
RS005	ljen Raya	Sokaraja				
	T		PT			
<b>pt_id</b> PT001	name_pt	npwp	finance_bank BCA	address		
	PT Bumimoro agung	01.234.567.8-987.000		Banyuwangi		
PT002	PT Bumi Bangun Persada Property	02.111.333.4-876.000	Mandiri	Banyuwangi		
PT003	PT Property Bintang Mandiri	03.555.222.9-765.000	BNI	Banyuwangi		
PT004	PT Bumi Bangun Persada Property	04.999.111.0-654.000	BRI	Banyuwangi		
PT005	PT Bumimoro agung	05.888.000.1-543.000	CIMB	Banyuwangi		
			Down Payment			
dp_id	reservation_id	pt_id	payment_method	transaction_id	amount	status
DP001	R001	PT001	Transfer	TX1001	50,000,000	Pending
DP002	R002	PT002	Cash	TX1002	65,000,000	Completed
DI 002		PT003	Transfer	TX1003	85,000,000	Cancelled
DP003	R003					
	R003 R004	PT001	Cash	TX1004	75,000,000	Completed
DP003			Cash Transfer	TX1004 TX1005	75,000,000 60,000,000	Completed Pending
DP003 DP004	R004	PT001 PT002	Transfer			<u> </u>
DP003 DP004 DP005	R004 R005	PT001 PT002	Transfer	TX1005		<del></del>
DP003 DP004 DP005	R004 R005 name_admin	PT001 PT002  A email_admin	Transfer  dmin  password	TX1005		<u> </u>
DP003 DP004 DP005  admin_id A001	R004 R005  name_admin Rudi Hartono	PT001 PT002  A email_admin rudi@ptas.com	dmin  password admin123	TX1005  last_login 2025-10-01		<u> </u>
DP003 DP004 DP005  admin_id A001 A002	R004 R005  name_admin Rudi Hartono Maya Sari	PT001 PT002  A email_admin rudi@ptas.com maya@ptcm.com	dmin  password admin123 maya456	TX1005  last_login 2025-10-01 2025-10-02		<u> </u>
DP003 DP004 DP005  admin_id A001	R004 R005  name_admin Rudi Hartono	PT001 PT002  A email_admin rudi@ptas.com	dmin  password admin123	TX1005  last_login 2025-10-01		<del></del>

		Notification		
admin_id	reservation_id	message	send_time	read_status
A001	R001	Reservasi Anda sedang diproses	2025-10-01	Unread
A002	R002	Pembayaran diterima	2025-10-03	Read
A003	R003	Reservasi dibatalkan	2025-10-04	Read
A004	R004	Reservasi dikonfirmasi	2025-10-05	Unread
A005	R005	Pembayaran masih pending	2025-10-06	Unread
		OTP		
user id	send time	1	otp status	purpose
 U001	2025-10-01 8:00	2025-10-01 8:05	Used	Login
U002	2025-10-02 9:00	2025-10-02 9:05	Unused	Reservation
U003	2025-10-03 10:00	2025-10-03 10:05	Used	Payment
U004	2025-10-04 11:00	2025-10-04 11:05	Used	Login
U005	2025-10-05 12:00	2025-10-05 12:05	Unused	Reservation
		- MAII		
reservation id	1		description	
	<del>-  </del>	<u> </u>	•	
		<u>'</u>	<u> </u>	
		· · · · · · · · · · · · · · · · · · ·	-	
R005	2025-10-05	Pembayaran Pending	Pembayaran Anda sedang diverifikasi.	
	A001 A002 A003 A004 A005  user_id U001 U002 U003 U004 U005  reservation_id R001 R002 R003 R004	A001         R001           A002         R002           A003         R003           A004         R004           A005         R005           send_time           U001         2025-10-01 8:00           U002         2025-10-02 9:00           U003         2025-10-03 10:00           U004         2025-10-04 11:00           U005         2025-10-05 12:00           reservation_id         send_time           R001         2025-10-01           R002         2025-10-02           R003         2025-10-03           R004         2025-10-04	admin_id         reservation_id         message           A001         R001         Reservasi Anda sedang diproses           A002         R002         Pembayaran diterima           A003         Reservasi dibatalkan           A004         R004         Reservasi dikonfirmasi           A005         R005         Pembayaran masih pending           OTP           user_id         send_time         expire_time           U001         2025-10-01 8:00         2025-10-01 8:05           U002         2025-10-02 9:00         2025-10-02 9:05           U003         2025-10-03 10:00         2025-10-03 10:05           U004         2025-10-04 11:00         2025-10-04 11:05           U005         2025-10-05 12:00         2025-10-05 12:05           EMAIL           reservation_id         send_time         subject           R001         2025-10-01         Reservasi Diproses           R002         2025-10-02         Pembayaran Sukses           R003         2025-10-03         Reservasi Dibatalkan           R004         2025-10-04         Reservasi Dikonfirmasi	admin_id         reservation_id         message         send_time           A001         R001         Reservasi Anda sedang diproses         2025-10-01           A002         R002         Pembayaran diterima         2025-10-03           A003         R003         Reservasi dibatalkan         2025-10-04           A004         R004         Reservasi dikonfirmasi         2025-10-05           A005         R005         Pembayaran masih pending         2025-10-06           OTP           user_id         send_time         expire_time         otp_status           U001         2025-10-01 8:00         2025-10-01 8:05         Used           U002         2025-10-02 9:00         2025-10-02 9:05         Unused           U003         2025-10-03 10:00         2025-10-03 10:05         Used           U004         2025-10-01 11:00         2025-10-04 11:05         Used           U005         2025-10-05 12:00         2025-10-05 12:05         Unused           EMAIL           reservation_id         send_time         subject         description           R001         2025-10-01         Reservasi Diproses         Reservasi Anda sedang diproses oleh admin.           R002         20