

1NF																													
USER						HOUSE						RESERVATION					PAYMENT					COMMUNICATION							
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	Alfa Lintang	alfa@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	Hi Andra sedang di	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	Hi OTP Anda: 843	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	Hi OTP Anda dibata	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	Hi OTP Anda: 123	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	Hi OTP Anda: 128	Read

2NF						
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				

RS001	Ijen Nebraska	Purwokerto Barat				
RS002	Ijen Raya	Purwokerto Selatan				
RS003	Ijen Delima	Purwokerto Timur				
RS004	Ijen Gold 3	Purwokerto Utara				
RS005	Ijen Raya	Sokaraja				
PT						
pt_id	name_pt	npwp	finance_bank	address		
PT001	PT Bumimoro agung	01.234.567.8-987.000	BCA	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		
RESERVATION						
reservation_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	
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

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
NOTIFICATION						
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		

3NF						
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	
Reservation						
reservation_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						
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	
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				
RS001	Ijen Nebraska	Purwokerto Barat				
RS002	Ijen Raya	Purwokerto Selatan				
RS003	Ijen Delima	Purwokerto Timur				
RS004	Ijen Gold 3	Purwokerto Utara				
RS005	Ijen Raya	Sokaraja				
PT						
pt_id	name_pt	npwp	finance_bank	address		
PT001	PT Bumimoro agung	01.234.567.8-987.000	BCA	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
DP003	R003	PT003	Transfer	TX1003	85,000,000	Cancelled
DP004	R004	PT001	Cash	TX1004	75,000,000	Completed
DP005	R005	PT002	Transfer	TX1005	60,000,000	Pending
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		

Notification					
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
OTP					
otp_code	user_id	send_time	expire_time	otp_status	purpose
O001	U001	2025-10-01 8:00	2025-10-01 8:05	Used	Login
O002	U002	2025-10-02 9:00	2025-10-02 9:05	Unused	Reservation
O003	U003	2025-10-03 10:00	2025-10-03 10:05	Used	Payment
O004	U004	2025-10-04 11:00	2025-10-04 11:05	Used	Login
O005	U005	2025-10-05 12:00	2025-10-05 12:05	Unused	Reservation
EMAIL					
email_id	reservation_id	send_time	subject	description	
E001	R001	2025-10-01	Reservasi Diproses	Reservasi Anda sedang diproses oleh admin.	
E002	R002	2025-10-02	Pembayaran Sukses	Pembayaran Anda telah diterima.	
E003	R003	2025-10-03	Reservasi Dibatalkan	Reservasi Anda telah dibatalkan.	
E004	R004	2025-10-04	Reservasi Dikonfirmasi	Reservasi Anda berhasil dikonfirmasi.	
E005	R005	2025-10-05	Pembayaran Pending	Pembayaran Anda sedang diverifikasi.	