



# ERD

## PORT OPERATIONAL SYSTEM

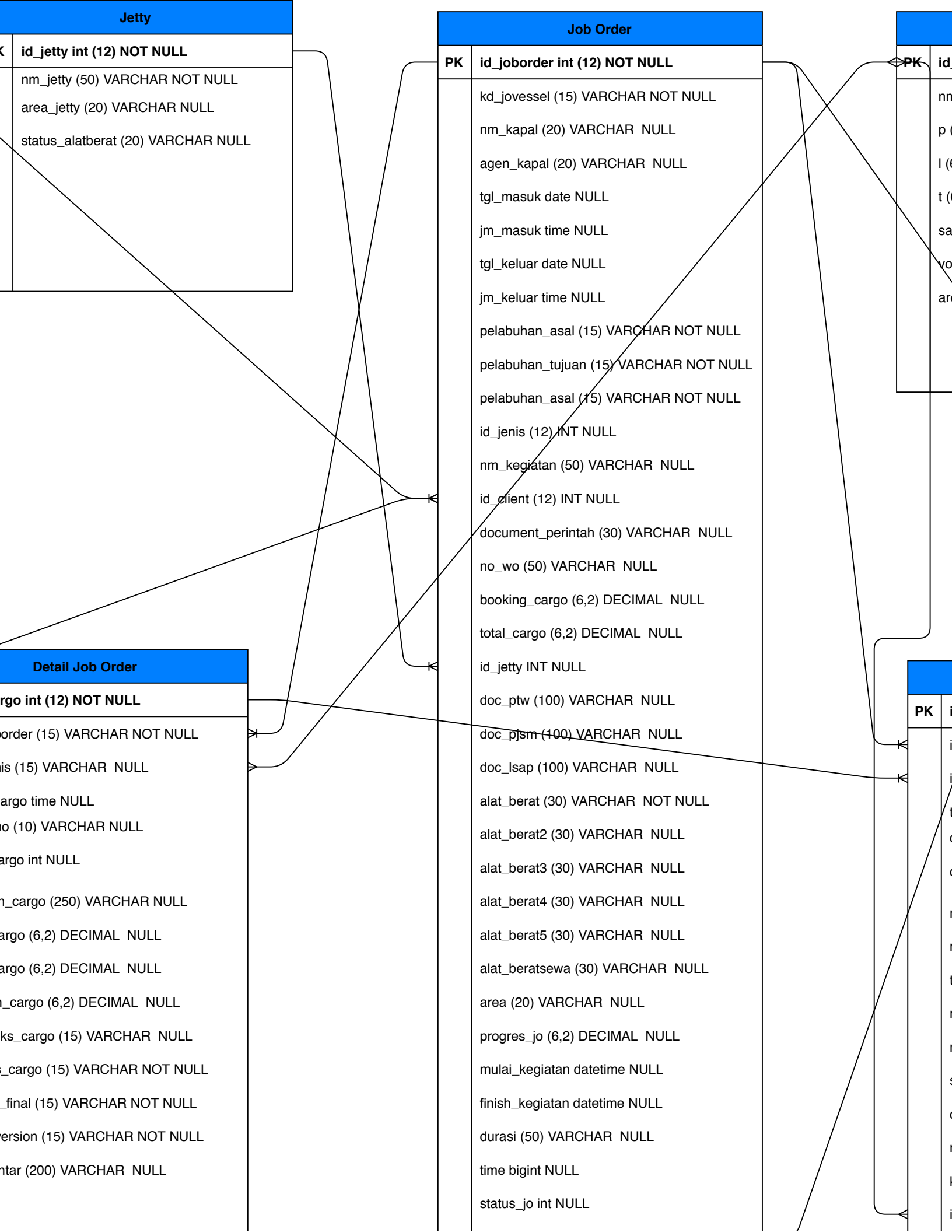
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Nama : Nurdiansah  
Nim : 171011400099

Client	
PK	id_client int NOT NULL
	kd_client varchar(15) NOT NULL nm_client varchar(50) NOT NULL deskripsi_kontrak text NULL no_kontrak varchar(50) NULL logo_client varchar(255) NULL tanggal_awal_kontrak date NULL tanggal_akhir_kontrak date NULL

Alat Berat	
PK	id_alatberat int (12) NOT NULL
	nm_alatberat (255) VARCHAR NOT NULL kapasitas_alatberat (6,2) DECIMAL NULL jns_alatberat (30) VARCHAR NULL area_alatberat (20) VARCHAR NULL status_alatberat (20) VARCHAR NULL

PK	id_ca
	id_job
	id_jen
	timeC
	doc_n
	qty_ca
	rincian
	m3_ca
	ton_ca
	revton
	remar
	status
	cargo
	row_v
	komen

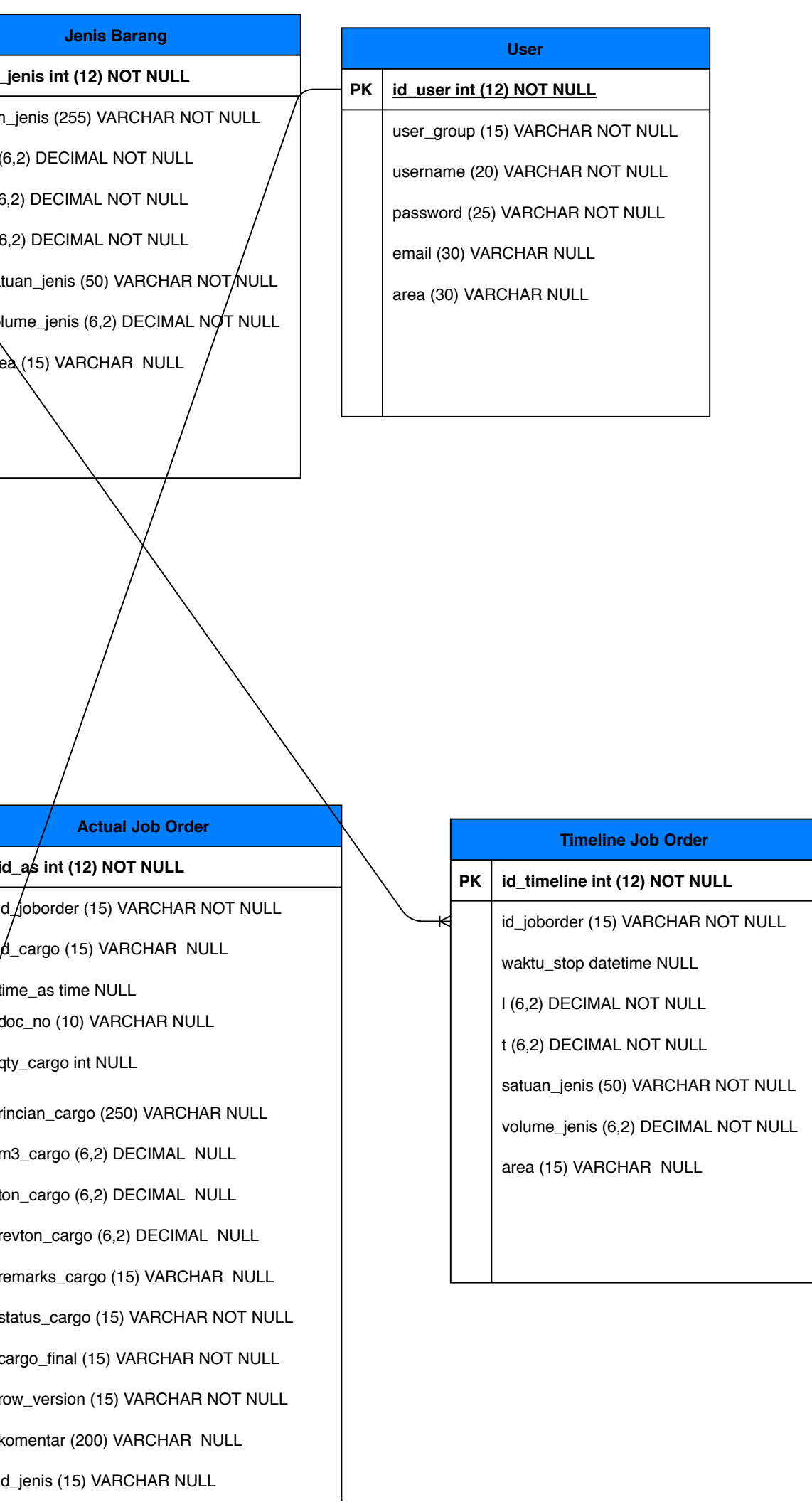


Jenis Barang
<u>id_jenis</u> int (12) NOT NULL
nama_jenis (255) VARCHAR NOT NULL
berat (6,2) DECIMAL NOT NULL
panjang (6,2) DECIMAL NOT NULL
lebar (6,2) DECIMAL NOT NULL
satuan_jenis (50) VARCHAR NOT NULL
volume_jenis (6,2) DECIMAL NOT NULL
area (15) VARCHAR NULL

User	
PK	<u>id_user</u> int (12) NOT NULL
	user_group (15) VARCHAR NOT NULL
	username (20) VARCHAR NOT NULL
	password (25) VARCHAR NOT NULL
	email (30) VARCHAR NULL
	area (30) VARCHAR NULL

Actual Job Order
<u>id_as</u> int (12) NOT NULL
id_joborder (15) VARCHAR NOT NULL
id_cargo (15) VARCHAR NULL
time_as time NULL
doc_no (10) VARCHAR NULL
qty_cargo int NULL
princian_cargo (250) VARCHAR NULL
m3_cargo (6,2) DECIMAL NULL
ton_cargo (6,2) DECIMAL NULL
revton_cargo (6,2) DECIMAL NULL
remarks_cargo (15) VARCHAR NULL
status_cargo (15) VARCHAR NOT NULL
cargo_final (15) VARCHAR NOT NULL
row_version (15) VARCHAR NOT NULL
komentar (200) VARCHAR NULL
id_jenis (15) VARCHAR NULL

Timeline Job Order	
PK	<u>id_timeline</u> int (12) NOT NULL
	id_joborder (15) VARCHAR NOT NULL
	waktu_stop datetime NULL
	l (6,2) DECIMAL NOT NULL
	t (6,2) DECIMAL NOT NULL
	satuan_jenis (50) VARCHAR NOT NULL
	volume_jenis (6,2) DECIMAL NOT NULL
	area (15) VARCHAR NULL



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	id_checker int NULL
	komentar (200) VARCHAR NULL



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