

vehicles		
vehicle_id	SERIAL	
license_plate	VARCHAR(10)	NN
vehicle_type	VARCHAR(20)	NN
capacity_kg	INTEGER	NN
fuel_type	VARCHAR(20)	NN
acquisition_date	DATE	NN
status	VARCHAR(20)	

drivers		
driver_id	SERIAL	
employee_code	VARCHAR(20)	NN
first_name	VARCHAR(50)	NN
last_name	VARCHAR(50)	NN
license_number	VARCHAR(20)	NN
license_expiry	DATE	NN
phone	VARCHAR(20)	
hire_date	DATE	NN
status	VARCHAR(20)	

routes		
route_id	SERIAL	
route_code	VARCHAR(10)	NN
origin_city	VARCHAR(100)	NN
destination_city	VARCHAR(100)	NN
distance_km	DECIMAL(6,2)	NN
estimated_duration_hours	DECIMAL(4,2)	NN
toll_cost	DECIMAL(6,2)	

maintenance		
maintenance_id	SERIAL	
vehicle_id	INTEGER	NN
maintenance_date	DATE	NN
maintenance_type	VARCHAR(50)	NN
description	TEXT	
cost	DECIMAL(8,2)	NN
next_maintenance_date	DATE	NN
performed_by	VARCHAR(100)	

trips		
trip_id	SERIAL	
vehicle_id	INTEGER	NN
driver_id	INTEGER	NN
route_id	INTEGER	NN
departure_datetime	TIMESTAMP	NN
arrival_datetime	TIMESTAMP	
fuel_consumed_liters	DECIMAL(6,2)	NN
total_weight_kg	INTEGER	NN
status	VARCHAR(20)	

deliveries		
delivery_id	SERIAL	
trip_id	INTEGER	NN
tracking_number	VARCHAR(20)	NN
customer_name	VARCHAR(100)	NN
delivery_address	TEXT	NN
package_weight_kg	DECIMAL(6,2)	NN
scheduled_datetime	TIMESTAMP	NN
delivered_datetime	TIMESTAMP	
delivery_status	VARCHAR(20)	
recipient_signature	BOOLEAN	

