

Machines	
machine_id	INT
plate_number	VARCHAR(20)
model	VARCHAR(100)
type	VARCHAR
rent_company_id	int
description	TEXT
manufacturing_year	INT
purchase_date	DATE
last_maintenance_date	DATE
status	ENUM(active,maintenance,idle,decommissioned)

Sites	
site_id	integer
site_name	VARCHAR(100)
location	VARCHAR(255)
manager_id	VARCHAR(100)
active	BOOLEAN

MachineAssignments	
assignment_id	INT
machine_id	INT
site_id	INT
driver_id	INT
start_date	DATE
end_date	DATE
active	BOOLEAN

Invoices	
invoice_id	INT
invoice_number	VARCHAR(50)
machine_id	int
rent_company_id	INT
issue_date	DATE
due_date	date
total_amount	DECIMAL(10,2)
tax_amount	DECIMAL(10,2)
payment_status	ENUM(pending,partial,paid)
payment_date	DATE
unit_price	DECIMAL(10,2)
total	DECIMAL(10,2)
notes	TEXT

Drivers	
driver_id	INT
first_name	VARCHAR(50)
last_name	VARCHAR(50)
license_number	VARCHAR(50)
license_expiry_date	date
contact_phone	VARCHAR(20)
email	VARCHAR(100)
address	VARCHAR(255)
hire_date	DATE
active	BOOLEAN

DailyTimeSheets	
timesheet_id	INT
machine_id	int
driver_id	INT
site_id	INT
date	DATE
start_time	TIME
end_time	TIME
break_start	time
break_end	time
hours_worked	DECIMAL(5,2)
fuel_consumed	DECIMAL(7,2)
deduction	DECIMAL(7,2)
odometer_start	INT
odometer_end	INT
notes	TEXT

RentCompanies	
company_id	inet6
company_name	VARCHAR(100)
contact_person	VARCHAR(100)
contact_phone	VARCHAR(20)
email	VARCHAR(100)
address	VARCHAR(255)
contract_start_date	DATE
contract_end_date	date

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