Banco Relacional (MySql)

> A modelagem em sí será apenas possível ser vista pelo github no documento mysql_estrutura.md

Tabelas

clients

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
cnpj	VARCHAR	yes	no	no	no	yes
status	ENUM("active","inactive","suspended")	yes	no	no	no	no
trade_name	VARCHAR	yes	no	no	no	no
company_name	VARCHAR	yes	no	no	no	yes
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

farms

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
name	VARCHAR	yes	no	no	no	no
client_id	int	yes	no	yes -> clients.id	no	no
cep	VARCHAR	yes	no	no	no	no
address	VARCHAR	no	no	no	no	no
area	float	yes	no	no	no	no
status	ENUM("active","inactive","suspended")	yes	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

vehicles

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
status	ENUM("in use","ready","decommissioned","not ready")	yes	no	no	no	no

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
chassis	VARCHAR	yes	no	no	no	no
observation	TEXT	no	no	no	no	no
model	int	yes	no	yes -> model.id	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

models

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
type	ENUM("planting","spraying","harvesting")	yes	no	no	no	no
batery_capacity	float	yes	no	no	no	no
fabrication_year	int	yes	no	no	no	no
batery_capacity	float	yes	no	no	no	no
charging_time	float	yes	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

contracts

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
lease_deed	TEXT	yes	no	no	no	no
client_id	int	yes	no	yes -> clients.id	no	no
status	boolean	yes	no	no	no	no
start_date	TIMESTAMP	yes	no	no	no	no
end_date	TIMESTAMP	yes	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

vehicles_contracted

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
contract_id	int	yes	no	yes -> contracts.id	no	no
vehicle	int	yes	no	yes -> vehicles.id	no	no
observation	TEXT	no	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

jobs_log

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
vehile_id	int	yes	no	yes -> vehicle.id	no	no
started_date	TIMESTAMP	yes	no	no	no	no
finished_date	TIMESTAMP	yes	no	no	no	no
observation	TEXT	no	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no

maintenances

Column	Type	NotNull?	PK?	FK?	AutIncre?	Unique?
id	int	yes	yes	no	yes	yes
vehile_id	int	yes	no	yes -> vehicle.id	no	no
date	TIMESTAMP	yes	no	no	no	no
reason	TEXT	yes	no	no	no	no
link_to_ticket	TEXT	yes	no	no	no	no
created_at	TIMESTAMP	yes	no	no	no	no
updated_at	TIMESTAMP	yes	no	no	no	no