ApiKey

PK	<u>id UUID NOT NULL</u>
FK	user_id UUID NOT NULL
	exchange varchar(50) NOT NULL
	api_key varchar(512) NOT NULL
	secret varchar(512) NOT NULL
	password varchar(512) NOT NULL
	uid varchar(512) NOT NULL

UNIQUE: (user_id, exchange)

User

PK	<u>id UUID NOT NULL</u>
U	email varchar(254) NOT NULL
U	username varchar(150) NOT NULL
	password varchar(128) NOT NULL
	timezone_offset decimal(4,2) NOT NULL
	dark_theme boolean NOT NULL
	dashboard_real_trading boolean NOT NULL
U	google_id varchar(255)
U	github_id varchar(255)

Strategy

PK	<u>id UUID NOT NULL</u>
FK	user_id UUID NOT NULL
	name varchar(150) NOT NULL
	exchange varchar(50) NOT NULL
	symbol varchar(20) NOT NULL
	timeframe varchar(5) NOT NULL
	timestamp_start bigint NOT NULL
	timestamp_end bigint NOT NULL
	indicators text NOT NULL
	is_public boolean NOT NULL
	clones_count int NOT NULL

Trade

PK	<u>id UUID NOT NULL</u>
FK	strategy_execution_id UUID NOT NULL
	type varchar(20) NOT NULL
	side varchar(10) NOT NULL
	timestamp bigint NOT NULL
	price decimal(20, 12) NOT NULL
	amount decimal(20, 12) NOT NULL
	cost decimal(20, 12) NOT NULL
	avg_entry_price decimal(20, 12) NOT NULL
	abs_profit decimal(20, 12) NOT NULL
	rel_profit decimal(20, 8) NOT NULL
	abs_cum_profit decimal(20, 12) NOT NULL
	rel_cum_profit decimal(20, 8) NOT NULL
	abs_hodling_profit decimal(20, 12) NOT NULL
	rel_hodling_profit decimal(20, 8) NOT NULL
	abs_runup decimal(20, 12) NOT NULL
	rel_runup decimal(20, 8) NOT NULL
	abs_drawdown decimal(20, 12) NOT NULL
	rel_drawdown decimal(20, 8) NOT NULL

StrategyExecution

PK	<u>id UUID NOT NULL</u>
FK	strategy_id UUID NOT NULL
	type varchar(10) NOT NULL
	order_conditions text NOT NULL
	running boolean NOT NULL
	exchange varchar(50) NOT NULL
	symbol varchar(20) NOT NULL
	timeframe varchar(5) NOT NULL
	timestamp_start bigint NOT NULL
	timestamp_end bigint NOT NULL
	indicators text NOT NULL
	maker_fee decimal(12, 8) NOT NULL
	taker_fee decimal(12, 8) NOT NULL
	initial_tradable_value decimal(20, 12) NOT NULL
	leverage int NOT NULL
	execution_timestamp bigint
	abs_net_profit decimal(20, 12)
	rel_net_profit decimal(20, 8)
	total_closed_trades int
	winning_trade_rate decimal(20, 8)
	profit_factor decimal(20, 8)
	abs_avg_trade_profit decimal(20, 12)
	rel_avg_trade_profit decimal(20, 8)
	abs_max_run_up decimal(20, 12)
	rel_max_run_up decimal(20, 8)
	abs_max_drawdown decimal(20, 12)
	rel_max_drawdown decimal(20, 8)

Candle

PK	<u>id UUID NOT NULL</u>
	exchange varchar(50) NOT NULL
	symbol varchar(20) NOT NULL
	timeframe varchar(5) NOT NULL
	timestamp bigint NOT NULL
	open decimal(38, 18) NOT NULL
	high decimal(38, 18) NOT NULL
	low decimal(38, 18) NOT NULL
	close decimal(38, 18) NOT NULL
	volume decimal(38, 18) NOT NULL

UNIQUE: (exchange, symbol, timeframe, timestamp)