Tables & Columns

user

id int [primary_key, auto_incr, not_null]

name varchar(30) [not_null, unique]

passwordHashed varchar(100)

stock

id int [primary_key, auto_incr, not_null]

name varchar(30) [not_null]

ticker varchar(10) [unique, not null]

market varchar(20)

stockCategory

id int [primary_key, auto_incr, not_null]

stock int [not null, verwijst naar stock.id]

criterium varchar(20) [not null]

value varchar(30) [not null]

method

id int [primary_key, auto_incr, not_null]

name varchar(20) [not null, unique, is ook de directory naam met py file]

description varchar(150)

strategy

id int [primary_key, auto_incr, not_null]

name varchar(20) [not_null, unique]

method int [not null, verwijst naar method.id]

isActive boolean [not null, default true]

parameters varchar(100)

strategyEditHistory

id int [primary_key, auto_incr, not_null]

strategy int [not null, verwijst naar strategy.id]

newParameters varchar(100)

editor int [not null, verwijst naar user.id]

timestamp datetime [not null]

transaction (END ONLY)

id int [primary_key, auto_incr, not_null]

stock int [not null, verwijst naar stock.id]

isBuy boolean [not null, indien niet buy dan sell]

numOfstock int [not null]

timestamp datetime [not null]

operator int [not null, verwijst naar user.id]

price float [puur stock, not null]

transactionCost float [not null]

simulation (TEST ONLY)

id int [primary_key, auto_incr, not_null]

name varchar(30) [unique, not_null]

description varchar(60)

strategy int [not null, verwijst naar strategy.id]

owner int [not null, verwijst naar user.id]

timestampStart datetime [not_null]

timestampEnd datetime [not_null]

gain float [not_null, bedrag]

return float [not_null, %]

status varchar(8) [not_null, running/done/failed/stopped]

webAppLoginHistory

id int [primary_key, auto_incr, not_null]

succeeded boolean [not_null, indien heel veel failed → hacker?]

timestamp datetime [not_null]

user int [not_null, verwijst naar user.id]

portfolio

id int [primary_key, auto_incr, not_null]

name varchar(30) [unique, not_null]

capital [not_null, vermogen]

Views & Columns

currentWallet (END ONLY)

stock varchar(10) [verwijst naar stock.ticker]

numOfstock int

stockMarket varchar(20) [verwijst naar stock.market]

NEED segment data hier in krijgen (nodig voor filter)

statistics (END only)

walletReturn float [percentage winst]

walletGain float [geld winst]

referenceIndexReturn [alle aandelen die we hebben = wereld]

referenceIndexGain

totTransactionCost

totNumOfOrders