

Relational Model

Users (username, password)

Portfolios (pid, name, cash, strategy)

A (Users.username, Portfolios.pid)
↳ remove by folding

∴ Portfolios (pid, name, cash, strategy, Users.username)

Holdings (date, symbol, quantity, initial investment)

B (Portfolios.pid, Holdings.date, Holdings.symbol)
↳ remove by folding

∴ Holdings (date, symbol, quantity, initial investment, Portfolios.pid)