

## 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, initialinvestment)

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

∴ Holdings ( date, symbol, quantity, initialinvestment, Portfolios.pid )

NewStocks (datestamp, symbol, high, low, close, open, volume)

MarketDaily (datestamp, close)