

Relational Design

User (username, email, password)

FD: username, email → password

Portfolio (ID, name, owner, cash amount)

FD: ID, owner → cash amount

Holdings (amount)

Stocks (symbol)

HistoricalStocksDaily (symbol, timestamp, volume, open, close, high, low)

FD: Symbol, timestamp → volume

NewStocksDaily (symbol, timestamp, volume, open, close, high, low)

FD: Symbol, timestamp → open, close