Relational Schema

The Schema

```
User(id:number,
     email:string,
     password:string)

Stock(last:number,
      first:number,
      count:number,
      symbol:string)

StockDaily(stockSymbol:string,
           open:number,
           high:number,
           low:number,
           close:number,
           volume: number)

Transaction(timestamp:number,
            price:number,
            quantity:number,
            type:string,
            cashHolding:number,
            portfolioId:number,
            userId:number,
            stockSymbol:string)

HasTransaction(userId:number,
               transactionTimestamp:number,
               stockSymbol:string)

HasStock(userId:number,
         stockSymbol:string,
         amount:number)
```