tblStockTake

- StockTakeID
- timestamp
- note

tblStockTakeDetail

- StockTakeDetailID
- StockTakeID
- artNum
- quantity
- pfandCrates
- pfandBottles

tblOrder

- OrderID
- timestamp
- note

tblProducts

- artNum
- name
- bottlesPerUnit
- cratesPerUnit
- bottlePfand
- unitCost
- bottleSurcharge

tblOrderDetails

- OrderDetailID
- OrderID
- artNum
- quantity
- pfandCrates
- pfandBottles

tblShipment

- ShipmentID
- timestamp
- note

tblShipmentDetail

- ShipmentDetailID
- ShipmentID
- artNum
- quantity
- pfandCrates
- pfandBottles

Relationships:
- tblStockTake (1) — (∞) tblStockTakeDetail via StockTakeID
- tblStockTakeDetail (∞) — (1) tblProducts via artNum
- tblOrder (1) — (∞) tblOrderDetails via OrderID
- tblOrderDetails (∞) — (1) tblProducts via artNum
- tblShipment (1) — (∞) tblShipmentDetail via ShipmentID
- tblShipmentDetail (∞) — (1) tblProducts via artNum

Notes:

> stored quantities should always be in bottles, but what about shipments?

> how will Pfand be handled? is it an article like everything else, or a separate entity, tracked in a separate table?
>
> if it's an article, all quantities would have to be FLOAT precision due to splittable crates