

Information

Frontend:

- Made on swagger.
- Performs the CRUD-operations.
- This is our UI (Frontend).

Stock Share Provider:

- This is the one that provides the stocks - aka sells the stocks.
- You buy from this entity.
- This does not create/add stocks. It gets stocks from Public Share Owner Control.
- When a stock is added the information goes to Stock Trader Broker, which then creates the transaction.

Stock Trader Broker:

- Contains the transaction informations on stocks.
- Updates stock ownership.
- Updates balance of Stock Share Requester who buys stocks. The balance update is a subtraction of a purchase.
- Takes care of the Tobin Taxer Service taxes. It pays to Tobin Taxer Service.

Tobin Taxer Service:

- Provides the taxes that has to be paid according to the stock purchase price.
- Stock Share Requester pays the taxes every purchase.

Stock Share Requester:

- This is the buyer.
- Uses the frontend to purchase a stock.
- Also pays the taxes according to the stock purchase price, this is done with Stock Trader Broker.

Public Share Owner Control:

- This creates/adds stocks.
- Provides the stocks to Stock Share Provider and Stock Trade Broker accordingly.
- The main system control system.
- Contains information on stocks, buyers and sellers.