

#### Entities & Attributes:

- Customer - represents the user
  - ID
  - Name
  - Email
- Bank - represents the users banks
  - Account number
  - Routing number
  - Company
- Date
  - Month
  - Day
  - Year
  - Time
- Stock - represents the stock exchange
  - Symbol - symbol of the specific stock company
  - Share
  - Company
- Order
  - Order number
  - Limit - limit order
  - Quantity
  - Market order (yes/no)

#### Relationships:

- Link - is a relationship linking bank and customer, so the customer can link their bank accounts.
- Deposit - is a relationship linking date, stock, and bank to deposit money from the customers bank account to the stock exchange. Has an amount attribute attached.

- Withdraw - is a relationship linking date, stock, and bank to withdraw money from the stocks to deposit into the customers bank account. Has an amount attribute attached.
- Buys - is a relationship linking customer, stock, and date for the customer to buy stocks. Has an amount attribute.
- Sells - is a relationship linking customer, stock, and date for the customer to sell stocks. Has amount attribute.
- Placed - is a relationship linking order, customer, stock, and date to have a customer place an order.
- Cancel - is a relationship linking order and date to show when an order was canceled.
- Transaction - is a relationship linking order and date to show the transaction of orders between customers. Has an amount attribute.