

- 1) Customer:
 - a) Relationships
 - Order- get the data of orders
 - Account- gets the data of accounts
 - b) Attributes:-
 - SSN-identifier
 - ID- to login the account
 - Name- name of user
 - Password- to login
- -Entities:-
- 2) Account:
 - a) Relationships:-
 - Exchanges- if account has exchanges
 - Bank- account connects to bank
 - Customer-customer login to account
 - b) Attributes:-
 - Routing number- gets account information
 - Account number- identifier
 - -Entities:-
 - 3) Bank:
 - a) Relationships:-
 - Account- connects to account
 - Bank transactions- handles bank transactions
 - b) Attributes:-
 - ID-identifier
 - Deposit- gets deposit data
 - Withdraw- gets withdraw data

4) Bank Transactions:-
a) Relationships:-
Bank- to get information
b) Attributes:-
 Transaction ID- identifier Canceled- Transaction that are canceled Pending- Transaction that are pending Approved- Transaction that are approved
-Entities:-
 5) Exchanges:- a) Relationships:- Account- Account that has exchanges Stock- Exchanges that holds stock
b) Attributes:-
Exchange ID- identifier
-Entities:- 6) Stock:-
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a) Relationships:-
Exchanges- holds stockOrder- gets order
b) Attributes:-
 Symbol-identifier Company name- describes more about company Price- price of company

-Entities:-

-Entities:-

- 7) Order:-
- a) Relationships:-
 - Stock- gets stock
 - Market- buy or sells the order
 - Limit order- buy or sell the order
 - b) Attributes-
 - Order ID- identifier
 - Sell price- price that the stock is sold
 - Buy price- bought price
 - Status- if the order is pending or filled etc
- 8) Market order
 - a) Relationships-
 - Order- buy or sell order
 - b) Attributes-
 - Price- identifier
- 9) Limit order
 - a) Relationships-
 - Order- buy or sell
 - b) Attributes-
 - Amount-identifier

Assign 4

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a Strong andities with non-subtypes:

Customer (SSN, ID, Name, Password).

Account (Routing Number, Account No.)

Bank (ID, Derosit, withdraw)

Bank Transactions (Transaction ID, Cancelled

Bank Transactions (Transaction ID, Cancelled,
Pending, Approval)

Exchanges (Exchange ID)
-Stock (Symbol, Company Name, Price)

a Strong entitles with Subtypes:

order (order ID, BuyBrice, Status, Sell Prices, Price, Amount)

Rebationships

ayone-many Relationships =

Account (Account No., Routing Number, 55 No.)

Order (order ID, Buy Price, Stever, seuprice, SSN) Exchanges (Exchange ID, Account 16*)

b) Many Pekitionships Connects (Account ID, ID, Data) Handles (ID, Transaction D, Dato) Hold (symbol, Exchange II), Data) Chets (symbol , order Ist, Data) Buy sell (order In, Jata) Final Relations: Account (Account No., Rounting No., 551) order Corder ID, Buy Price, Status, Sollprice, SSN Exchange (Exchange ID, Account 18) Customer (SSN ID, Name, Password) Bank (DePosis, ID, withdraw) Bank Fransaction (Transaction ID, Canceled, Approved, (ending) Stock (symbol, Company Name, Price) (onnects (Account IB, ID, Data) Handles (IS, Truncaction ID, Data) Hold (Symbol, Exchange ID, Dater)
CART (Symbol, oxdex ID, Dater) Buy/sell (orsoler IS), Deiter)