Business rules

1 - The stock listing shall

1.1 – Be identified by the companies tax id number

1.2 – List its contact information and industry

1.2 – Have a stock symbol on a single market

1.3 – Have a valuation as of the IPO

1.4 – Have a set number of shares at a given time

2 – Each trade shall

2.1 – Be identified by a trade id

2.2 – Have a time stamp, buyer, and seller

2.3 – Have a share price, number of shares, and type

2.4 – Have a brokerage

2.5 – Update and verify the holdings of the buyer/seller

3 – Each share type shall

3.1 – Be identified by its name

3.2 – Have a dividend payout percentage

3.3 – Have voting rights status

4 – The contact information shall

4.1 – Be identified by a tax id number

4.2 – Contain the name, address, phone number, and email

5 - Each holding shall

5.1 – Be identified by the holders tax id number

5.2 – Have contact information

5.3 – Have a number of shares currently held for each type of share

6 – The stock price and current market capitalization shall be determined

6.1 – The common stock price will be dynamically determined by the most

recently executed trade by dividing the monetary value of the trade by

the number of shares bought/sold

6.2 – The market capitalization shall be dynamically calculated based on the

current share price multiplied by the current number of shares