

REQUIREMENTS

1. User should be able to buy or sell stocks
2. User should be able to set price alerts
3. Portfolio management
4. Able to see live stock prices
5. Able to maintain a wallet in app and set orders
6. able to see buy and sell history
7. able too see live profit and loss
8. Get email/msg/whatsap/in-app notifications

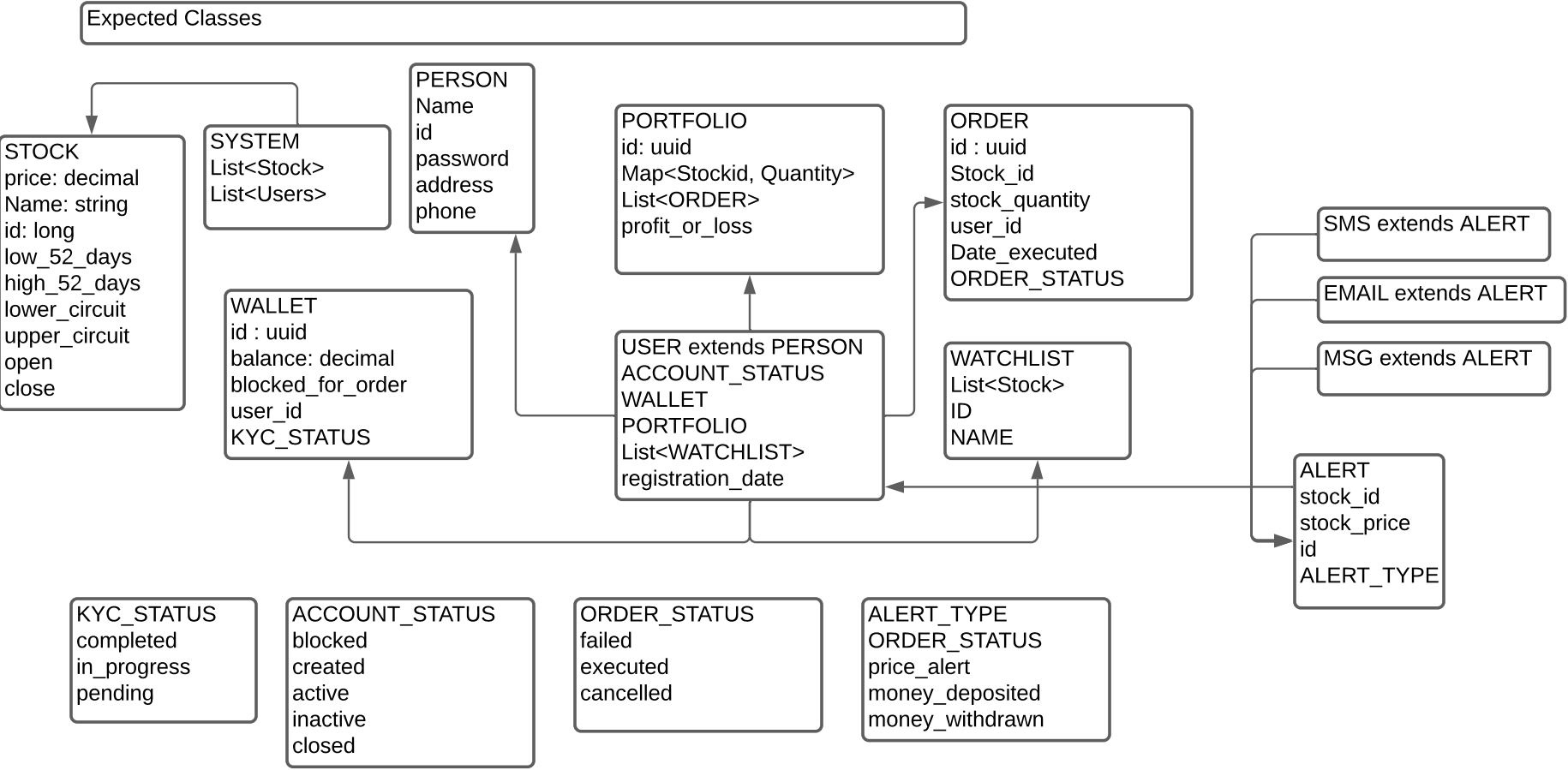
PLAYERS

User : able to buy/sell , create account

System: able to accept / reject orders ;
send notifications
able to add/remove stocks

System requirements

1. More reads
2. less writes
3. More consistency and accuracy
4. Its ok to not execute every order at exact moment but prices should always be right



APIs

<PUBLIC>

- /stock/details [stock_id]
- /order/place [price, quantity]
- /order/cancel [order_id]
- /money/add
- /money/withdraw
- /alert/price [stock_id, price]
- /alert/cancel [alert_id]
- /kyc/documents [<list of docs>]
- /portfolio/watchlist
- portfolio/summary

<PRIVATE>

- /stock/price_update
- /stock/add
- /stock/remove
- /user/activate
- /user/block