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securities trading system

MPP Project Proposal

Securities Trading System

A Brokerage company need a software to manage their books, to keep records of their client's information, their client accounts, orders, transactions, owned bonds and equities, the system should produce client's account statement and settlement

Brokerage is the fee or commission received by Stock Broker for services rendered. Client not only need to pay Brokerage but also mandatory and statutory charges, the brokerage company is responsible for executing client's order to the desired stock exchange and keep records of their transactions.

A stockbroker is a regulated professional individual, usually associated with a **brokerage** firm or **broker**-dealer, who buys and sells **stocks** and other **securities** for both retail and institutional clients through a **stock** exchange or over the counter in return for a fee or commission.

Clients can buy or sell their securities (bonds or equity) which belong to certain listed company in a specific stock exchange market, if the client is buying they must have prepaid fund with the brokerage company prior to placing orders to buy.

When client issue order to sell stock, the broker is responsible to check the current owned securities by the client and only send to the stock exchange correct selling orders, based on the client current balance of securities.

Each client has a portfolio that holds their securities, a client portfolio can have certain amount of certain security, also securities can be owned by many clients in their portfolios.

The system should track client's transactions of selling and buying securities, and produce transaction history and current statement upon request of the client.

The system should keep records of client's account, including prepaid funds and buy/sell transaction, the system should produce client's account statement and settlements.

The system should provide facility for the broker to import current security price based on opening day price of the security stock value.

The system provide facility to the admin to setup clients, securities, security types, accounts.

Client's orders (selling and buying) should be validated by the broker and entered in the system after the order is checked of being correct and complete.