



1. Client contacts Master
2. Master creates a Service
 - 2.1. Assigns a SM to the Service
3. Service sends ACK message to Client
4. The user inputs the values (Name, ticker, buy/sell, amount)
5. Client sends the data-package back to the Service
6. Service saves the parsed data-package in its SM
7. DBM sees a new package in the SM pool
 - 7.1. !Synchronous operation! To compensate slow performance create multiple DBM, but the slow performance is fine with low amounts of clients
8. DBM creates a DBS
 - 8.1. Assigns the SM to the DBS
9. DBS requests access to the DB
 - 9.1. DBS locks the DB
 - 9.2. DBS handles the data
 - 9.3. DBS writes to the DB
 - 9.4. DBS unlocks the DB
10. DBS saves status message into the SM
11. Service retrieves the data-package and sends status to Client

