



EForT-EFTT- Empowered Forex Traders Trend Trading

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Problem

-Trend trading is a popular form of investment.
-We are to make an expert advisor that makes profit for whoever purchases it.

Screenshots



Shown above is a screenshot of the expert advisor being tested . We can see the advisor sell while the price is high and then make a purchase as the price begins to downtrend.

Current System

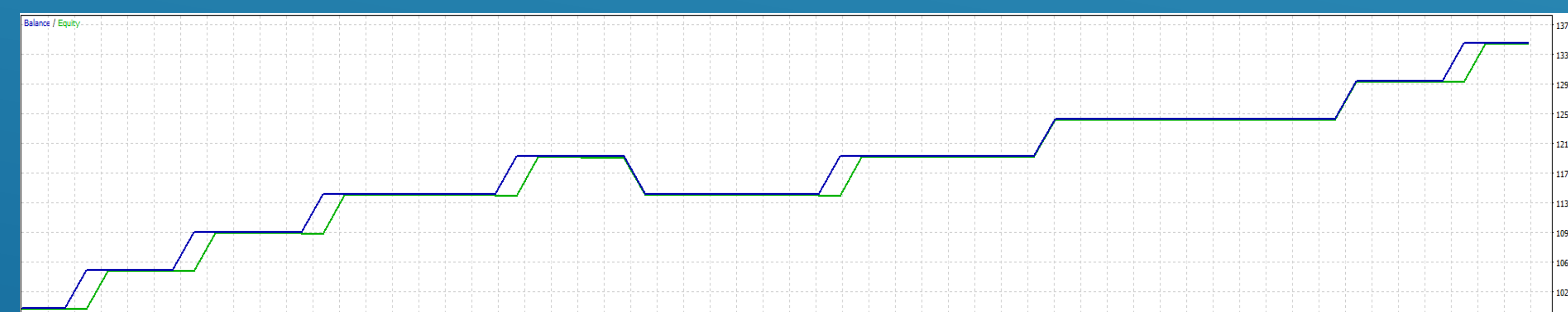
-The current system makes use of the SJY, Double Top and Bottom, Head and Shoulders and the Moving Average signal

History Quality	99%				
Bars	427	Ticks	1283381	Symbols	1
Initial Deposit	10 000.00				
Total Net Profit	3 512.00	Balance Drawdown Absolute	0.00	Equity Drawdown Absolute	8.00
Gross Profit	4 012.00	Balance Drawdown Maximal	500.00 (4.16%)	Equity Drawdown Maximal	500.00 (4.24%)
Gross Loss	-500.00	Balance Drawdown Relative	4.16% (500.00)	Equity Drawdown Relative	4.24% (500.00)
Profit Factor	8.02	Expected Payoff	390.22	Margin Level	9992.00%
Recovery Factor	6.90	Sharpe Ratio	1.27	Z-Score	1.74 (91.81%)
AHPR	1.0344 (3.44%)	LR Correlation	0.96	OnTester result	0
GHR	1.0340 (3.40%)	LR Standard Error	275.85		
Total Trades	9	Short Trades (won %)	9 (88.89%)	Long Trades (won %)	0 (0.00%)
Total Deals	18	Profit Trades (% of total)	8 (88.89%)	Loss Trades (% of total)	1 (11.11%)
		Largest profit trade	500.00	loss trade	-500.00
		Average profit trade	501.50	loss trade	-500.00
		Maximum consecutive wins (\$)	4 (2 000.00)	consecutive losses (\$)	1 (-500.00)
		Maximal consecutive profit (count)	2 000.00 (4)	consecutive loss (count)	-500.00 (1)
		Average consecutive wins	4	consecutive losses	

Here we can see the numerical results of the test. We can see that the advisor made an overall profit of 3512.00\$ within the time period that it was run.

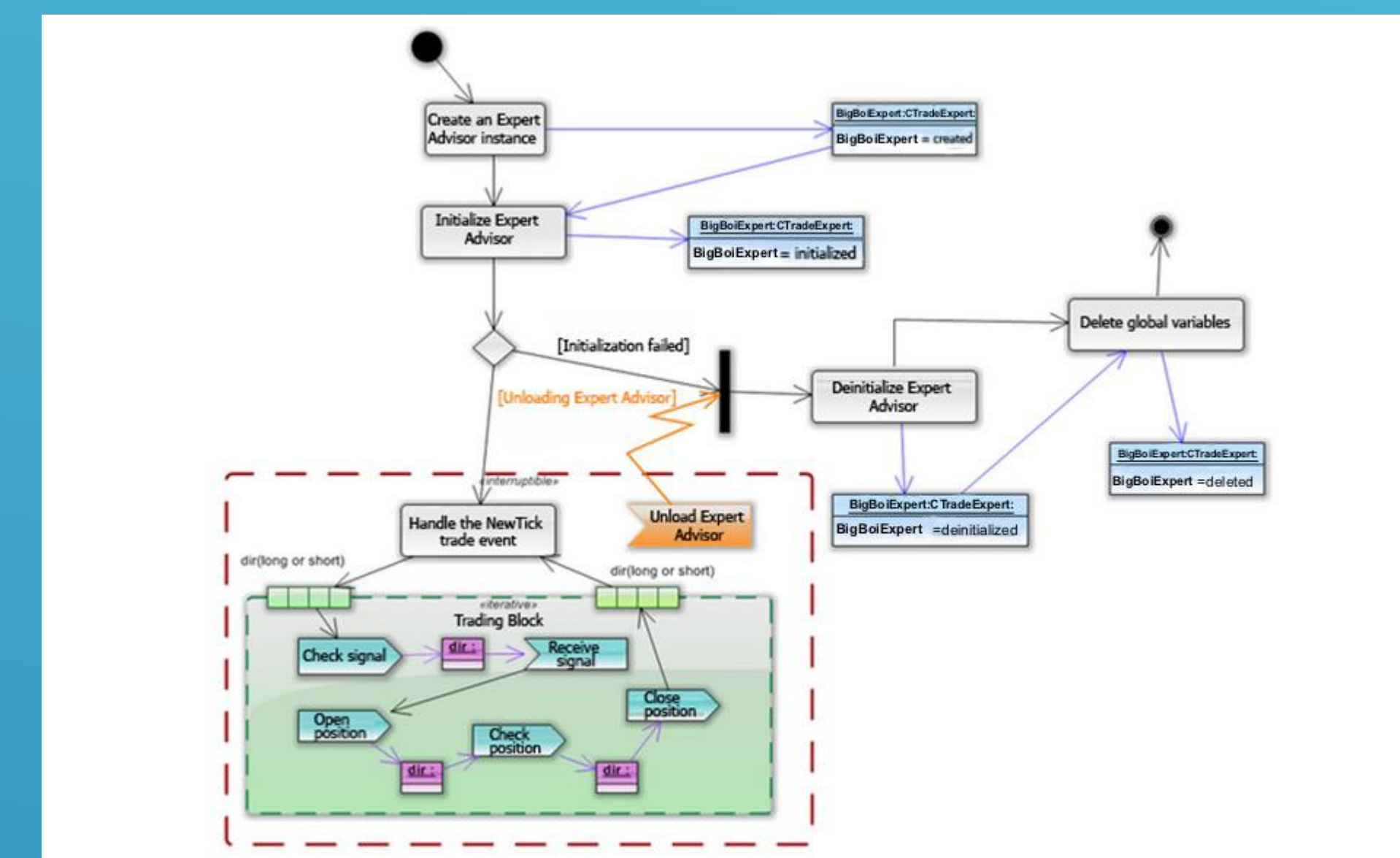
Requirements

- Improve and or redesign the existing trend trading expert advisor
- Create a new advisor that is able to make profitable trades

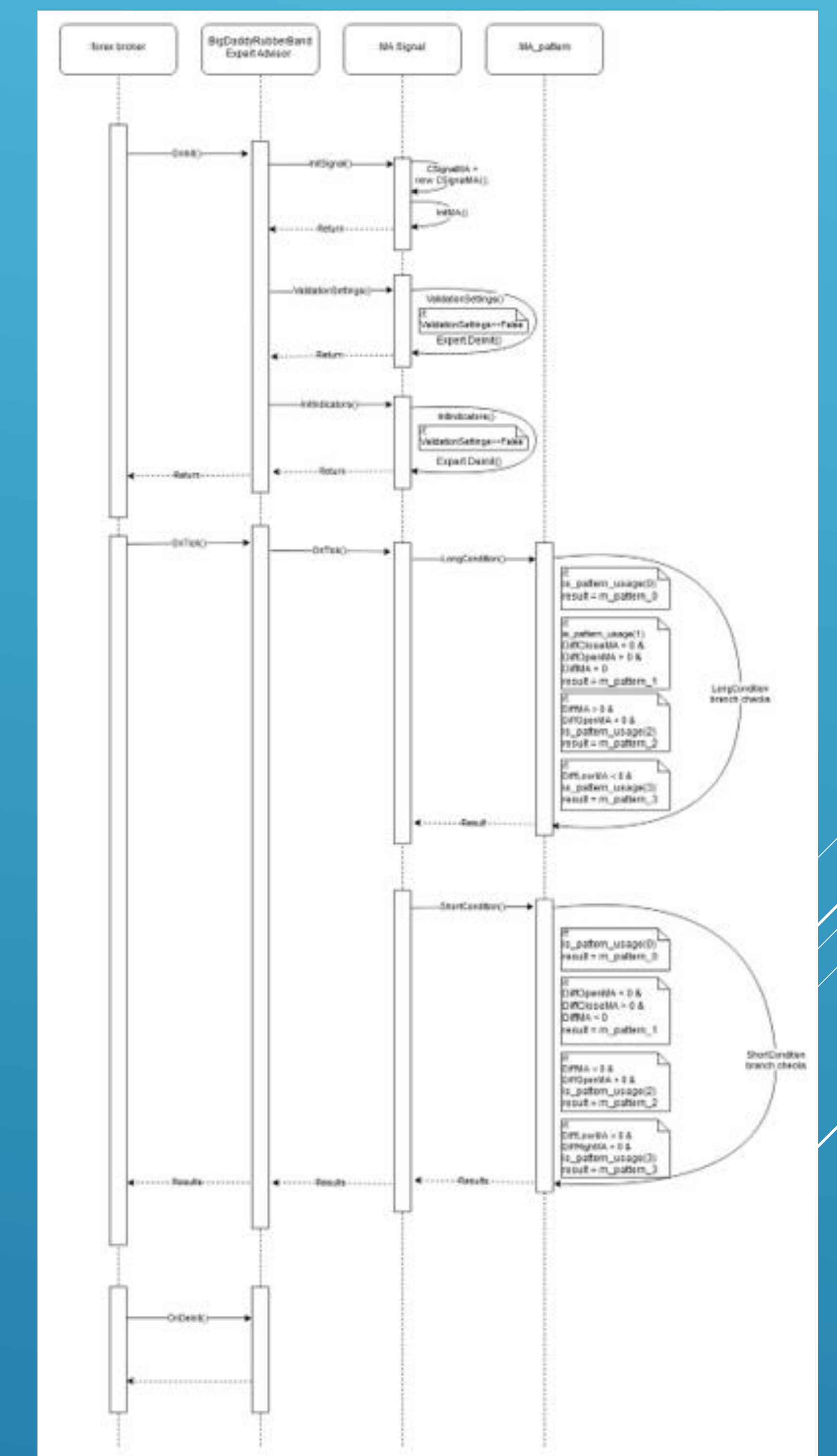


This graph shows the total amount of money we currently have placed in the advisor. We can see that the graph steadily trends upwards as the amount of profit we make increases.

Architectural Diagram



SimpleMA Sequence Diagram



Class Diagram

