Strategy Development and Explaination.

1. Entries

All Entires will be made at the opening of the new bar ( first tick only).

I don’t want any evaluation or entries to happen at the middle of the bar.

The market will have only one Trade open at a time.

Meaning if signal is buy meaning we have to close the sell opened positon if there is any.

* 1. Entries Short (Sell)

IF HMA (Bar(x-1)) < OFF Trend (Bar(x-1))

&& HMA (Bar(x)) >= OFF Trend (Bar(x))

Then Enter Sell.

* 1. Entries Long (Buy)

IF HMA (Bar(x-1)) > OFF Trend (Bar(x-1))

&& HMA (Bar(x)) <= OFF Trend (Bar(x))

Then Enter Buy.

* 1. Solution to avoid repainting I suggest to do

If MarketPosition is (Sell) “if there is a sell position opened) && HMA (Bar(x)) < OFF Trend (Bar(x))

Then

Close Sell.

Enter Buy.

If MarketPosition is (Buy) “if there is a buy position opened) && HMA (Bar(x)) > OFF Trend (Bar(x))

Then

Close Buy.

Enter Sell.

Indicators settings are the same

1. Stop loss will be an input that I need to implement before activation the strategy, default settings will be 1500 points.
2. Take Profit will be an input that I need to implement before activation the strategy

Default settings will be 318 points.

1. DrawDown will be an input that I need to implement before activation the strategy.

Default settings will be amount of Money 350 USD.

Meaning the strategy need to close automatically as DD value will be hit.

1. Money Management System:

Type of Management system input :

Two choices either Alembex or Martingale.

Default on Martingale.

Initial Lot size (1st Trade quantity) should be an input with default settings 0.01Lot.

Sequence Length: input with default settings 5

Meaning if the 5th trade is a loss then the 6th trade will open with the initial lot size and reset the sequence starting from Zero.

Another subject, is that sometimes the open position can make for example a 200 points profit, the indicators shows a market revers and close the trade switch to the oposite direction (not hitting the PL but still making profit)

I want to add.

If trade closes && profit accumulated from the last trade >= (Total past loss consecutive trades + ½ Take profit quantity x initial position size)

Then we stop sequence (considering it a win) rest the qunatities to initial lot size and start the count from Zero.

1. Drawings,

1 Vertical line on the bar when the strategy start to be active.

(Color, type and with to be input ( default settings , Green, Dash dot)

1 Vertical line on the bar when the strategy closes.

(Color, type and with to be input ( default settings , RedOrange, Dash dot)

Corner writtings

Strategy: active/ inactive.

Earning today: 000 USD (round down, No digits after comma)

Earning Yesterday: 000 USD (round down, No digits after comma)

Earning Before Yesterday: 000 USD (round down, No digits after comma)

Balance: 000,00 USD (round down, two digits after comma)

Corner (Up Left, Up right, down left Down right as an input)

Colour Size and font as input.

Position open (Sell) Arrow Pink. ( similar to Ninja Trader) Still color and type an input.

Position open (Sell) Arrow RoyalBlue. ( similar to Ninja Trader) Still color and type an input that can be changed.

At the opening of each trade.

I need a line on the SL and PL Target location (----------) on the next 6 bars

The lines will be cleared from the platform after trade closes.

7 Notification.

Email notification (my email will be either Yahoo or Gmail. Please choose the easier.

The email will be an input

Pop up notification with Alert.

Phone notification

The notification will be made.

when stategy activates of desactivates.

When Trade opens long or short.

When Trade hits the SL or PL. Telling the Trade total earning and daily total earning.

Finally, while delivering, I need a walk through the code.

Confirmation of possibility of add on if I need on later stage.

Basic teaching of how to use EA on MT4 as I am used to Ninjatrader only.

Basic showing on how to make back testing.

Basic information and help to connect my platform the the email, server ....