

The ShakesUniversal Strategy Builder & Automation EA

Notes:

1. The main objective here is to create an EA that can turn any manual strategy (using price & any indicator/s (standard or custom) ... in addition to a set of highly customizable parameters) and convert it into an automated trading strategy.
2. The EA should be able to automatically detect price & all available indicators on the MT4 & MT5 terminal every time it's deployed for use; & should also work in the strategy tester. I want the EA to be able to identify when a candlestick is below, crosses, or is above any of the indicators so it can use it as an entry or exit filter as well. *I also understand that enabling the EA to detect & use custom indicators may be difficult, so, if that's not something you can do, **let me know!***
3. Once an indicator is selected, its settings should also appear automatically for adjustment.
4. You can create the base EA using any programming language you deem necessary for the best output. However, after completion, I'll need the final EA from you in 4 formats (.ex4, .ex5, .mq14, &, .mq15)
5. After project completion, I'll require proof that the EA works accurately. This could be in the form of screenshots & Screen recording showing you customizing its settings on the visual chart & the EA working on the mt4 & mt5 strategy tester.
6. Please do not use .dll extensions to make the EA as I may be migrating it to my mq15 VPS after installation.
7. When Trend indicator is used in Section A, then positions should only be opened in the direction of the trend.
8. **X & Y** stand for unknown, un-fixed, or variable selections.
9. Please note that only one position should be entered when all entry parameters are met & an additional position should only be entered if all entry parameters are met all over again!

NOTE: I know \$100 is little for this magnitude of work, but please, don't worry about the price. Just focus on doing a good job; cause if you deliver quality, bug-free stuff, within just 2 weeks of the project's completion, I'll throw in a huge bonus! & it'll be much bigger than the entire budget for this project!

Below are a list of parameters & the suggested format I want used in the EA's creation:

Section A (Indicators)

* **Terminal Indicators** = This is where all available indicators on the terminal will show up.

* **Selected Indicators** = This is where each indicator selected from the terminal indicator list will appear & be assigned a number. One indicator can be selected multiple times. Selected indicators will be used for BUY & SELL entries. ***The EA should be able to handle up to 10 Selected Indicators.***

* **Settings for Highlighted Indicator** = If an indicator is clicked on within the Selected Indicators column, its settings should automatically appear in this section for customization.

* **Trend Indicator** = Row for selecting indicator for ***TREND*** Detection.

* **Momentum Indicator** = Row for selecting indicator for ***Momentum*** Detection.

...Visual example:

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Section A (Indicators)

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Terminal Indicators	Selected Indicators	Settings for Highlighted Indicator
Moving Average	Fractals (Indicator 1)	Settings for selected indicator X
Fractals	Fractals (Indicator 2)	
Stochastic	Price	
Price	Moving Average (Indicator 3)	
e.t.c	e.t.c	
Trend Indicator	(Options menu for selecting Trend Indicator)	Settings for selected Trend Indicator
Momentum Indicator	(Options menu for selecting momentum Indicator)	Settings for selected momentum Indicator

Section B (Enter Buy position if)

***Indicator X & Y** = Each row should have a drop down menu containing the list of selected indicators. When indicator Y slot is left empty on any row, then only the variable on indicator X for that row will be used.

*** Variable** = Drop down menu of possibilities for entry filtering, which must be met, before a buy position is opened.

Examples of Variables include:

- Crosses
 - Is above (Price or a particular indicator)
 - Is below (Price or a particular indicator)
 - Arrow/entry signal above bar 0,1,2 or 3
 - Arrow/entry signal below bar 0,1,2 or 3 ...e.t.c
- Also ensure the variable drop down menu addresses every indicator signal type & actions/interactions possible on/by itself or in relation to another indicator.*

In total, the EA should be able to handle up to 100 filters for each entry.

...Visual example:

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Section B (Enter Buy position if)

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Indicator X	Variable	Indicator Y
Moving Average (Indicator 1)	Is above	Price
Moving Average (Indicator 1)	crosses	Moving Average (Indicator 3)
Fractals	Arrow/entry signal painted above	(Slot left empty)
	bar 0,1,2 or 3	
e.t.c	e.t.c	e.t.c

Section C (Enter Sell position if)

- Same as Section B, but this time around for **SELL** entry filtering.

Section D (General Settings)

I believe this one is self explanatory:

* **Max Spread** = Slot for maximum allowed spread in points (10 points = 1 pip). Once reached, the EA should not enter any trade till spread comes down.

* **Stop Loss** = (in pips).

* **Trailing stop loss distance** = (0 means fixed stop loss will be used).

* **Take Profit** = (in pips & 0 means it won't be used).

* **Lot type** = (Fixed or Risk Percent based on equity).

* **Lot Size or Risk Percent** = (Fixed = from micro lot 0.01 – to standard 1,000) (Percent = from 0.01% - 100%).

* **Magic Number** = (for differentiating EA on varying charts.)

* **Time to Start trading daily (GMT)** = (in 24hr format).

* **Time to Stop trading daily (GMT)** = (in 24hr format).

* **Max number of open positions at a time.** = (only round numbers e.g. 3, or 180. No fractions)

* **Entry Bar** = (Slot for selecting bar to enter buy & sell positions after all entry parameters are met.)

...Visual example:

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Section D (General Settings)

Parameter	Input
Magic Number	13
Lot Size or Risk Percent	0.2
Stop Loss	(Input stop loss in pips)
e.t.c	e.t.c

This is simply meant to be a guide, so please feel free to add in your own creativity & expertise as well.

I'll also require the source code & retain all rights to the EA after its completion.

Good Luck!

Be sure you can handle this project before sending me your proposal.

Attaching some form of evidence that shows you can do the job will also boost your chances of getting it considerably!

*Also begin your proposal with the word "**Blessed!**" so I know you've read this file before placing your bid. 😊*