Name of Expert: **Profitable Expert**

1. Expert is working on:

    - MT5

    - Current Time Frame.

    - All Currency Pairs.

    - Metal like Gold, Sliver.

2. I want the input of the Expert same as below:

Variables	Value
Magic Number	
Lot	
Take Profit	
Stop Loss	
Maximum Trade Per Signal	
Setting of Risk Management	
Risk Management	True or False
Lot	
Balance	
Indicators Settings	
First Indicator MACD	
Fast EMA:	
Slow EMA:	
MACD SMA:	
Apply to:	
Main:	
Signal:	
Second Indicator Bollinger Bands	
Period:	
Shift:	
Deviations:	
Apply to:	
Style:	
Third Indicator Moving Average	
Period:	
Shift:	
Method:	
Apply to:	
Style:	
Fourth Indicator Envelopes Upper Band Navy	
Period:	
Shift:	
Deviation:	
Method:	
Apply to:	
Upper Band:	
Lower Band:	
Market Direction	
Upper Band	True or False
Current Time Frame	True or False
Second Time Frame	True or False
Second Time Frame Selected	M1, or M5, or M15, ……. etc.

3. **Lot:** I want the first lot in the input of Expert as a variable, I can set what I want and the Expert will use this lot when the Risk Management in the input of Expert has false.

4. **Take Profit:** I want the take profit in the input of Expert as a variable, I can set what I want and the Expert will use it, and take profit calculated in the pips (for example if the Expert open one lot sell order for Gold or EURUSD, and I set the take profit in the input of Expert 20 and the take profit hit should I get 200 USD).

5. **Stop Loss:** I want the stop loss in the input of Expert as a variable, I can set what I want and the Expert will use it, and stop loss calculated in the pips (for example if the Expert open one lot sell order for Gold or EURUSD, and I set the stop loss in the input of Expert 20 and the stop loss hit should I loss 200 USD).

6. **Maximum Trade Per Signal:** I will explain what does it mean later with Buy and Sell Conditions.

7. **Risk Management Calculation:**

   - **If Select Risk Management: False**, that mean the EA will used the Fix Lot which I set it in the Input of EA (Point No. 3).

   - **If Select Risk Management: True**, I need to set in the input of EA, first one is Balance and second one is lot, first example I have Balance 5000 USD, and I set in the balance input 1000 and lot 0.01 this mean EA will open order with lot 0.05 like that I want, second example also I have Balance 5000 USD, and I set in the balance input 5000 and lot 0.01 this mean EA will open order with lot 0.01, third example when I have get profit 1000 USD so my account capitol is = 6000 USD, and I set the input of EA balance 1000 and lot 0.01 so EA will open 0.06 Lot, but if I set the input of EA balance 5000 and lot 0.01 so EA will open 0.01 Lot.

   - **Note:** EA will change the lot when exactly equal or exceed the set input balance for example I set the balance input of EA 1000 USD and I get 900 USD so EA will not increase the lot till get 1000 USD or more than that.

8. **Indicators Settings:** As I refer in the input table of EA I have 4 indicators and the sequence of these indicators as below (Note: the sequence of my strategy indicators is very important, so you have to create the sequence indicators of EA exactly same below, and also all the indicators are working on window 1 (MACD window), not working on the chart, and all the indicators shall use from Mt5.

   - First Indicator: MACD

   - Second Indicator: Bollinger Bands

   - Third Indicator: Moving Average

   - Fourth Indicator: Envelopes
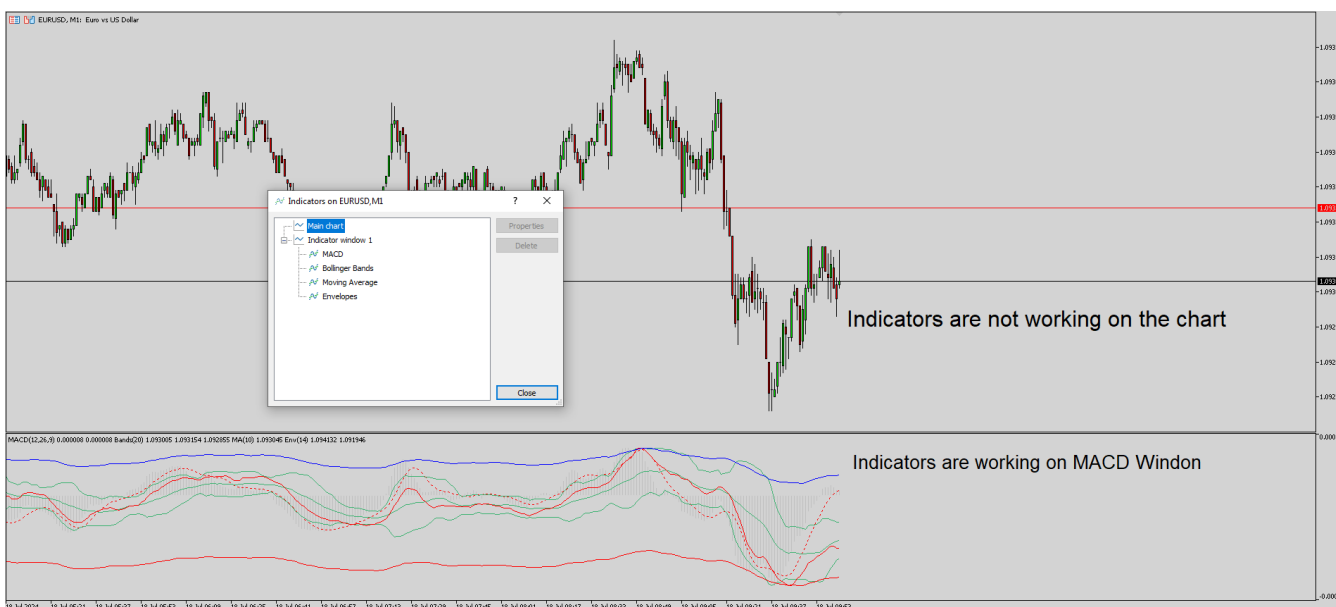
9. **Market Direction:** I will depend on the Envelopes indicator to determine the direction of Market, as you know in the Envelopes indicator there is two bands Upper Band & Lower Band so I explain how will determine the direction:

- Uptrend: if the Upper Band of Envelopes indicator is above (not touching) the upper line of Bollinger Bands indicator (as you know Bollinger bands indicators have three line), this mean the market direction is uptrend.

- Downtrend: if the Upper Band of Envelopes indicator is below (not touching) the lower line of Bollinger Bands indicator, this mean the market direction is downtrend.

- Note: As I refer in the input table of EA I have four options, I will explain what does it mean each one:

    1. Upper Band: if I set as a True, the EA will check the market direction and will determine the market direction as I explained above (Uptrend & Downtrend), but if I set as a false, the EA will ignore the market direction from entry condition that which I will explain later.

    2. Current Time Frame: if I set as a True, this mean the EA will check the market direction on the current time frame chart (for example if I upload the EA on time frame M5, so the EA will check the direction of time frame 5 minutes and will determine the market direction as I explained above (Uptrend & Downtrend), but I set as a false, the EA will ignore the market direction from entry condition for the current time frame.

    3. Second Time Frame: if I set as a True, this mean the EA will check the market direction for the second time frame (Point No. 4), and will determine the market direction as I explained above (Uptrend & Downtrend), but I set as a false, this mean the EA will ignore the market direction for second time frame from entry condition.

    4. Second Time Frame Selected: any time frame which I can selected for second time frame of market direction (Point No. 3).

10. Conditions for Buy order: there is many steps, EA have to check it before open the buy order

    1. EA will check the lot if we are using Risk management or not if true have to do the lot calculation according to what I explained up and if False EA will use the fix lot which I set in the input of EA.

    2. EA will use the Take Profit and Stop Loss according to what I set in the Input of EA.

    3. EA will check the market direction should be using same what I select and same I explained.

    4. EA will check the Moving average should be touching the lower line of Bollinger Bands indicator.

    5. After the Moving average touching the lower line of Bollinger Bands indicator the EA will wait till will get the Candle confirmation (What does it mean Candle confirmation it means EA will wait for candle closing, if UP can the EA open buy trade, but if not (closing down) EA will wait for second or till will get candle with up closing then will open the buy trade.

    6. During EA wait for candle confirmation and if not getting and at the same time the Upper Band of Envelopes indicator go back to inside the line of Bollinger Bands indicator, so the EA have to cancelled this signal even will get candle confirmation later (this point for in case I set the EA input of Upper Band True and if I set False sure the EA should ignore this point).

    7. If the order Buy not hit TP or SL, the EA will check the input of Max Trade Per Signal if 1 will not open any other trade, but if 2 the EA will check two things:

    A. The trade if it is getting profit will not open any other trade.

    B. The trade if it is getting minus (loss) will open the second trade after getting candle confirmation and will set the new take profit & stop loss without any modification for take profit or stop loss of first trade.

    C. Note: if I set the input of Max Trade Per Signal 2, and the conditions of second trade are achieved (Point A & B), so the EA will open second trade, please here have to take care with what I write when the second trade hit TP or SL and first trade not hit TP or SL, in this case the EA will not add another trade even all the conditions are achieved for second trade.

    8. Note: if the EA open the buy trade according to what I explained in above 7 points with A, B & C, and the Moving average indicator go back to inside the line of Bollinger Bands indicator, then again go and touching the lower line of Bollinger Bands indicator so EA will check again all the conditions if are achieved (above 7 points with A, B & C) will open another trade and will add second or third trades according to what I set in the EA input of Maximum Trade Per Signal even the first trade not hit TP or SL.

11. Conditions for Sell order: there is many steps, EA have to check it before open the Sell order

1. EA will check the lot if we are using Risk management or not if true have to do the lot calculation according to what I explained up and if False EA will use the fix lot which I set in the input of EA.

2. EA will use the Take Profit and Stop Loss according to what I set in the Input of EA.

3. EA will check the market direction should be using same what I select and same I explained.

4. EA will check the Moving average should be touching the upper line of Bollinger Bands indicator.

5. After the Moving average touching the upper line of Bollinger Bands indicator the EA will wait till will get the Candle confirmation (What does it mean Candle confirmation it means EA will wait for candle closing, if down can the EA open sell trade, but if not (closing Up) EA will wait for second or till will get candle with down closing then will open the sell trade.

6. During EA wait for candle confirmation and if not getting and at the same time the Upper Band of Envelopes indicator go back to inside the line of Bollinger Bands indicator, so the EA have to cancelled this signal even will get candle confirmation later (this point for in case I set the EA input of Upper Band True and if I set False sure the EA should ignore this point).

7. If the order Sell not hit TP or SL, the EA will check the input of Max Trade Per Signal if 1 will not open any other trade, but if 2 the EA will check two things:

    A. The trade if it is getting profit will not open any other trade.

    B. The trade if it is getting minus (loss) will open the second trade after getting candle confirmation and will set the new take profit & stop loss without any modification for take profit or stop loss of first trade.

    D. Note: if I set the input of Max Trade Per Signal 2, and the conditions of second trade are achieved (Point A & B), so the EA will open second trade, please here have to take care with what I write when the second trade hit TP or SL and first trade not hit TP or SL, in this case the EA will not add another trade even all the conditions are achieved for second trade.

8. Note: if the EA open the sell trade according to what I explained in above 7 points with A, B & C, and the Moving average indicator go back to inside the line of Bollinger Bands indicator, then again go and touching the upper line of Bollinger Bands indicator so EA will check again all the conditions if are achieved (above 7 points with A, B & C) will open another trade and will add second or third trades according to what I set in the EA input of Maximum Trade Per Signal even the first trade not hit TP or SL.

General Notes:

1. If the EA open buy trade sure after all conditions are achieved and TP or SL not hit, and during that the conditions are achieved for Sell trade so EA will open sell trade also.

2. If the EA open sell trade sure after all conditions are achieved and TP or SL not hit, and during that the conditions are achieved for buy trade so EA will open buy trade also.

3. I want template with all indicators that I using because when I make Back test, I can see the condition of signal right or there is something wrong.

4. I will run the EA in more than time frame so I want to get Comment on each trade (Time Frame is M1 or M5, or H1 …. Etc. according to the current frame that EA is ruing on it) this way it will make easy to me for controlling my trade is coming from which frame.

Example: for Buy Trade

XAUEUR, H1: Gold vs Euro

Condition: 1. MV touching the lower line of Bollinger Bands
2. Upper Band of Envelopes above the upper line of Bollinger this Mean Uptrend

Example for Buy Trade:
Color Bollinger Bands DeepPink
Coler Moving Average MediumSeaGreen
Color Envelopes Upper Band Navy

3. Candle confirmation is closing up
EA Will open Buy Position