EA SETUP:

- MA – 1
- MA – 2
- MA – 3
- MA – 4
- FIXED LOTSIZE
- TRAILING STOP
- MAGIC NUMBER
- STOP LOSS PERCENTAGE: %N
- TAKE PROFIT

- Time to trade: time EA open order

EXPLANATION AND SPECIFICATION REQUIREMENT IN EA SETUP

1. With MA's lines, I can change every default specification like a normal indicator. For example, color, number of candles, feature (simple, smooth…)
2.
   Stop-loss percentage: Stop-loss price will be set at the position where I lose N% of the investment.

For example: stop-loss percentage 10% of the $1,000 account, means that I lose 10% of $1,000 or -$100.

3. Fixed lot size: is the amount that I set EA to Initiate transaction in the market. If fixed lot size=0, number of lots will be counted by stop-loss percentage

For example: Stop-loss percentage = 10%

Take-profit = 2 x stop-loss percentage

$$= 2 \times 10\% = 20\%$$

CONDITION FOR ORDERS:

1. The case of SELL order
There are 4 conditions
* Condition 1:
When MA-1 is below MA-2 and MA-3 then wating for SELL order
* Condition 2:
When MA-1 intersect or overlap MA-2 or MA-3, continue to condition 3:

* Condition 3:
At the intersection in condition 2. EA counts 2 candle. At the second candle, if MA-1 intersects or overlaps MA-2 or MA-3 (the remaining MA), continue to condition 4.
EXPLAINING "THE REMAINING MA INTERSECTION"
For example: if MA-1 intersects (or overlaps) MA-2 in condition 2, it has to intersects MA-3 in

condition 3
Or if MA-1 intersects (or overlaps) MA-3 in condition 2, it has to intersects MA-2 in condition 3

*Condition 4:
At the intersection, EA continue to count 4 candles:
 If

+   the 4th candle has the opening price below MA-1, MA-2 and MA-3
 +   And the closing price below MA-4

=> Place SELL order at the opening price of the next candle

2. The case of BUY order
There are 4 conditions
* Condition 1
When MA-1 is above MA-2 and MA-3, waiting for BUY order. Continue to condition 2

* Condition 2
When MA-1 intersect or overlaps MA-2 or MA-3, continue to condition 3
* Condition 3:
At the intersection in condition 2. EA counts 2 candle. At the second candle, if MA-1 intersects or overlaps MA-2 or MA-3 (the remaining MA), continue to condition 4.
EXPLAINING "THE REMAINING MA INTERSECTION"
For example: if MA-1 intersects (or overlaps) MA-2 in condition 2, it has to intersects MA-3 in condition 3
Or if MA-1 intersects (or overlaps) MA-3 in condition 2, it has to intersects MA-2 in condition 3

*Condition 4:
At the intersection, EA continue to count 4 candles:
 If

+   the 4th candle has the opening price above MA-1, MA-2 and MA-3
 +   And the closing price above MA-4

=> Place BUY order at the opening price of the next candle

STOP-LOSS CALCULATION BY EA

   SELL order
   Stop-loss is placed at:
   + above the Ask price
   + 35 pip away from MA-1
   BUY order
   Stop-loss is placed at:

+ below the Bid price

+ 35 pip away from MA-1

NOTES:

- ☐ All conditions must be satisfied, otherwise, reset from condition 1.
- ☐ EA only places one order at a time for a pair of currency and manage that order.
- ☐ All values will be realized after the end of the candle.
- ☐ EA will send SMS when entering an order.
- ☐ EA only open order at the time I can set it.