**EA SPECIFICATIONS**

* EA comment
* EA magic
* Buy orders (true/false)
* Sell orders (true/false)
* Input For Entry Signal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please check these notes:

Need to add a function for EA to recognize the account number and check in my server list if there are no number then remove EA.

EA can active multi entry now by solving this with the entry position separation based on the % of TP 1,2,3. Martingale recovery system will work as well because the different between partial and martingale will not be use together and the martingale can just count how many orders did the EA entry.

* The EA will calculate the TP SL before entry and calculate a RR. SL signal will based on the high low of entry signal and add buffer. TP will based on the Swing High or Swing Low and a customizable time frame and also based on the filters initial TP parameters if it is turned on to calculate the RR with a more harsh conditions by traders flavor. Trades can based on changing market conditions to exit trades or TP if the close on opposite signal from the filter function turned true.
* Initial SL calculate Should use the entry signal time frame and its high low. Initial TP calculate Should be based on swing high low first in TP/SL then initial TP RR calculation parameter can calculate with further conditions with that filter to make the RR calculation be more aspect.
* Multi filter can be use as the filter can choose to provide trend signal or an entry zone signal based on the selection. If the traders want to have a harsh conditions to open trades they can select. And they can select the mitigation target as well to predict the side that the price will go for mitigate.
* The EA have to plot out that filters that turned to true. If the graph is so complicated and not clean which is ok if the clients want to turn on that filter cause this will have a much confirmed trade if they want.
* Understand EA need to use market orders for entry.
* A traders panel will be shown on the chart , below will have more explain to the trader panel. Green means Bull trend , Red means Bear trend, Blue means pause trade with no trend, Gray means continue trade and ignore the signal with no trend.

**TP/SL**

* SL calculation (True/False): Acts as a Stop Loss Risk-Reward calculation using the top and bottom of the signal, which are close to the entry price. SL calculation can be based on every turned true entry filter and entry signal.
* SL calculation buffer percent: Based on the SL calculation, to add % of buffer to set SL. +% extends from top or bottom, -% decreases from top or bottom.
* TP calculation (True/False): Acts as a Take Profit Risk-Reward calculation using the top and bottom of the signal. TP calculation can be based on every turned true entry filter and entry signal.
* TP calculation buffer percent: Based on the TP calculation, to add % of buffer to set TP. +% extends from top or bottom, -% decreases from top or bottom.
* TP calculation Time Frame : Based on the market structure of which time frame that want to select to use a large time frame for higher RR and use a small time frame for a smaller RR.

**SIGNALS**

**FVG Fair Value Gap (True/False): Provides entry signals when the price touches or enters the FVG.**

* Time Frame for Signal
* FVG filled Type (Body Filled/Wick Filled)
* Candle confirmation (true/false): Engulfing candle confirms when entering the FVG zone.
* Candle confirmation Time Frame
* Signal Inversion (True/False)

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**OB Order Block (True/False): Provides Entry Signals when the price touches or enters the OB.** [Order Block Simplified - Smart Money Course (youtube.com)](https://www.youtube.com/watch?v=vOgT_KtA-08)

* Time Frame for Signal
* Candle confirmation (true/false): Engulfing candle confirms when retesting the block.
* Candle confirmation Time Frame
* Signal Inversion (True/False)

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**BB Breaker Block (True/False): Provides Entry Signals when the price breaks the OB and returns to touch again to form the BB entry.**

* Time Frame for Signal
* Candle confirmation (true/false): Engulfing candle confirms when retesting the block.
* Candle confirmation Time Frame

**MS Market Structure (True/False): Provides Entry Signals when BOS and/or CHOCH are formed.**

* Time Frame for Signal
* BOS Formed (true/false)
* CHOCH Formed (true/false)
* Candle confirmation (true/false): Engulfing candle confirms.
* Candle confirmation Time Frame
* Signal Inversion (True/False)

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**BSL/SSL Buy Side Liquidity/Sell Side Liquidity (True/False) (equal high low)**

* + Time Frame for Signal
  + Candle confirmation (true/false): Engulfing candle confirms when price takes the liquidity and crosses back over the liquidity.
  + Candle confirmation Time Frame
  + Signal Inversion (True/False)

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**Supply Demand Zone (True/False)**

* Time Frame for Signal
* Candle confirmation (true/false): Engulfing candle confirms when entering the supply demand zone.
* Candle confirmation Time Frame
* Signal Inversion (True/False)

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**FILTERS**

**Input For Entry Filter (Use multi-time frame to determine trends and points of interest, entry signal will check the direction of the filter or only take entry on the filter zone based on the use of the filter):**

**FVG Fair Value Gap Filter 1 (True/False) (The filter acts as an entry zone or the potential mitigation zone usually larger timeframe for filter and smaller time frame for entry signal. No trades will be placed if no signal. Trades will ignore this filter if both sides have a signal.)**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Zone):
  + If entry zone selected, trade signal will only provide when FVG appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the FVG is above the price or red for bear if the FVG is below the price. Traders panel will show gray for ignore this signal if both side have FVG.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades) it means this filter will work on what types of trades.
  + If it selected initial trade mode. This filter will just control the initial trade and the recovery trades can be ignored this filter and will reentry the trade according to ATR, pips or another entry signal.
  + If it selected initial + recovery trades mode, this filter will control the bull or bear side of trades for the initial order and also the recovery trades, so the recovery trades entry need to check for this filter is it on the same side. So it can’t just open with the ATR, pips or another entry signal.
  + If it selected recovery trades only, it means this filter will just control the recovery trade for entry and the initial trade will not check this filter. If the recovery trade want to trade buy side but the signal shows bear signal, the recovery trade will not entry. If this signal shows bull signal and the recovery trade want to trade buy side, than it will execute, if the signal show grey sign for ignore this signal, recovery trade can be open wether is it bull or bear, if this signal shows blue signal for no trade allow for no bull and bear side, no recovery trade will entry.
* Initial TP RR calculation (True/False) Use FVG target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**FVG Fair Value Gap Filter 2 (True/False)**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Zone):
  + If entry zone selected, trade signal will only provide when FVG appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the FVG is above the price or red for bear if the FVG is below the price. Traders panel will show gray for ignore this signal if both side have liquidity.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) Use FVG target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

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**OB Order Block Filter 1 (True/False) (The filter acts as an entry zone usually larger timeframe for filter and smaller timeframe for entry signal. No trades will be placed if no signal. Trades will ignore this filter if both sides have a signal.)**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Zone):
  + If entry zone selected, trade signal will only provide when OB appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the OB is above the price or red for bear if the OB is below the price. Traders panel will show gray for ignore this signal if both side have OB.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) Use OB target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**OB Order Block Filter 2 (True/False) same as above**

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**BB Breaker Block Filter 1 (True/False) (The filter acts as an entry zone usually larger timeframe for filter and smaller timeframe for entry signal. No trades will be placed if no signal. Trades will ignore this filter if both sides have a signal.)**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Zone):
  + If entry zone selected, trade signal will only provide when BB appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the BB is above the price or red for bear if the BB is below the price. Traders panel will show gray for ignore this signal if both side have BB.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) Use BB target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**BB Breaker Block Filter 2 (True/False) same as above**

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**MS Market Structure Filter 1 (True/False) (The filter acts as an entry direction filter, when higher high and lower low keeps the trend, when CHOCH detected then direction change, usually larger timeframe for filter and smaller timeframe for entry signal. No trades will be placed if no bull and bear signal given.)**

* Time Frame for Signal
* Filter Mode (BOS Formed/CHOCH Formed/Trend Following): Entry trades will only follow the direction of this filter if it is on.
  + BOS and CHOCH are formed. Trades can only enter in that bar of time frame . Bull signal will show green in the trader panel and bear signal will show red in trader panel. No trades allow if no bull and bear signal given. And the trader panel will show blue sign.
  + Trend Following: follow higher high and lower low to give filter trend signal for bull or bear. Traders panel show green when bull show red when bear.
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) Use MS swing high low target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**MS Market Structure Filter 2 (True/False) same as above**

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**PD Premium and Discount Filter 1 (True/False) The Filter based on the Premium and Discount level based on the previous swing retracement, the price need to shows retracement more than 50% to entry the trade, no trade will be allowed if the retracement is between 0-50% or more than 100%. If a downside swing and the price retrace over 50% this filter will show bear signal. But if it hasn’t retraced more than 50%, this signal will show no bull or bear signal and can’t be ignored, the entry trade needs to wait for this signal filter to enter the retracement between 50-100% zone. Green sign will show in trader panel if bull and red sign will show in trader panel if bear, Blue sign will show for over retracement or haven’t enter the zone to pause trade.**

* Time Frame for Signal
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Filter Signal Inversion (True/False)

**PD Premium and Discount Filter 2 (True/False) same as above**

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**BSL/SSL Buy Side Liquidity/Sell Side Liquidity Filter 1 (True/False) Liquidity formed will give bull bear signal, indicating price will tend to go and take liquidity. When liquidity has been taken and the price returns above or below liquidity, bull or bear signal will be given. No trades will be placed if no signal and show blue in panel. Trades will ignore this filter if both sides have a signal and show grey color in panel.**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Target):
  + If entry zone selected, trade signal will only provide when liquidity is taken and price returns above or below the liquidity price. No trades allow if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull or red for bear if liquidity in single side. Traders panel will show gray for ignore this signal if both side have liquidity.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) : Use liquidity target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**BSL/SSL Buy Side Liquidity/Sell Side Liquidity Filter 2 (True/False) same as above**

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**IMB Strong Imbalance Filter 1 (True/False) uses IMB to find potential price target or trade in IMB zone only. No trades will be placed if no signal.**

* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Target):
  + If entry zone selected, trade signal will only provide when IMB appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the IMB is above the price or red for bear if the IMB is below the price. Traders panel will show gray for ignore this signal if both side have IMB.
* Filter expiration (True/False) (expire after x candle)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) : Use market imbalance target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**IMB Strong Imbalance Filter 2 (True/False) same as above**

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* + **POC Point Of Control Filter 1 (True/False) The price will only be executed in this zone if this filter is true to use volume and price to see the supply demand zone using POC indicator.** If entry zone selected Trade signal will only provide when **POC** appear and the price enter the zone with specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone. If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price Traders panel will show green for bull if the **POC** is above the price or red for bear if the **POC** is below the price. Traders panel will show gray for ignore this signal if both side have **POC**.
* Time Frame for Signal
* Filter Mode (Entry Zone/Potential Mitigation Target):
  + If entry zone selected, trade signal will only provide when **POC** appear and the price enter the zone in specific time frame. No trades allow entry if it haven’t enter the zone and show blue sign in traders panel. In trader panel show green for bull signal and show red for bear signal after enter the zone.
  + If Potential Mitigation Target selected, the filter will provide a bull or bear direction based on the signal shows below or above the entry price. Traders panel will show green for bull if the **POC** is above the price or red for bear if the **POC** is below the price. Traders panel will show gray for ignore this signal if both side have **POC**.
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) : Use SD target to calculate RR
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**POC Point Of Control Filter 2 (True/False) same as above**

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**PDHL Previous Day/Week High Low Filter 1 (True/False) uses a high timeframe liquidity to show bull bear signal. If the price is above the previous high, it shows as a bull signal. If the price is below the previous low, it shows a bear signal. If the price exits the Previous Day/Week High Low and comes back inside the Previous High Low Bar, it shows the opposite trend as liquidity is taken. If the price is inside the previous high low bar, it shows as no signal, but entry signal can still be open. This is the scenario where this filter can allow trades when this signal doesn’t show any signal, and it will show grey color in the trading panel. If the current price is still between the previous day high low, it means there is no bias from this signal, but the trades can still happen.**

* Time Frame for Signal (Day/Week/Month)
* Filter Mode (PDHL Liquidity Entry/PDHL Trend Following):
  + When PDHL Liquidity are taken and the price break out then come back between PDHL. It will show bull signal if the low break out and come back and show bear if it break out and come back. Bull signal will show green in the trader panel and bear signal will show red in trader panel. No trades allow if no bull and bear signal given. And the trader panel will show blue sign.
  + PDHL Trend Following: follow break out PD High to give filter trend signal for bull or break out PD Low to give filter trend signal for bear. Traders panel show green when bull show red when bear. If The Price in between PDHL and didn’t break out show gray sign and ignore this signal.
* Day High Low zone entry percent (provide a percent offset of the high low to create a zone for trades entry)
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Initial TP RR calculation (True/False) : Use PDHL target to calculate RR (target previous day high or low if this is on)
* Initial TP RR calculation Time Frame
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Filter Signal Inversion (True/False)

**Previous Day/Week High Low Filter 2 (True/False) same as above**

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**Moving Average Filter 1 (True/False) uses MA as a price trend determination, bull when price is above, bear when price is below.**

* Time Frame for Signal
* Orders Mode (initial trade/initial + recovery trades/recovery trades)
* Close on opposite signal appear (True/False) :This close signal will only work on profit, it will provide a close signal for TP 1, 2, 3 to adapt to market current conditions
* Close on opposite signal appear Time Frame :This can be set for different time frame to close positions. This may based on traders.
* Initial TP RR calculation (True/False) : Use MA target to calculate RR (Calculate distance between entry price and MA)
* Initial TP RR calculation Time Frame
* Filter Signal Inversion (True/False)

**Moving Average Filter 2 (True/False)**

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**Trade Management Mode**

Tarde Mode: RR calculation Mode/DD Recovery Mode Understand clearly that the partial trade can’t work with martingale system so this separated two modes of the trades management and the partial TP method will just happen in the RR calculation mode.

Number of orders allow (True/False) x? it means how many total orders will allow for this including recovery trades or any multiple trades opened by different entry signal.

Max Symbols allow (True/False) x? it means how many symbols will allow the EA to trades

I actually want the EA can work for the back test with the same parameters and test for different symbols in a same time. Is it possible to set the EA for a script in this para that can open the custom symbol chart with the same magic number but different symbols to let the MT5 have multiple charts running together?

Custom Symbol ( true/false): it can be type in symbols that will be trade and monitor, can use comer to separate. True it can open charts for this column. False it will only trade the pair that the EA were drag into.

Symbol subfix: add symbol subfix for different broker add symbol subfix to let it recognize the news filter pause for symbols

* RR calculation Mode (use SL calculator and TP calculator after adding buffer signal to provide distance and calculate)
  + Reward Ratio Filter (true/false) : to filter out trades that have low RR after calculating the entry price and stop lose place and the potential retracement zone.
  + Reward Ratio Filter 1:(x) : a number can be set such as 1:2/1:0.5/1:3
  + Deposit % (according to the market SL TP points to calculate, if SL=X,TP=X,X% of account lots=?)
  + Deposit type(equity/balance) the percent will calculate on the current time equity or balance
  + Partial Close (true/false) close partial position when TP signal or trend change signal from any filters appear. Trade using RR calculation mode will entry separate position according to TP 1,2,3 % after calculate the lots size of deposit %. This can let the partial close exit orders without crashing with bunch of orders when multi signal appears.
    - TP 1%
    - TP 2%
    - TP 3%
  + Break Even (true/false)
    - Break Even Mode (Start after x points/Start after first TP)
    - X points
    - +/- percent of money
    - +/- percent of points
  + Trailing (True/False)
    - Trailing Mode after first TP (if Partial Close false start trailing at once)
    - Trailing based on ATR multiplier
* DD Recovery Mode Using Martingale System to close the trades with the first and last order closing methods to reduce the drawdown. Below is the para for the DD recovery Mode, it mean the martingale system can close the trades by the first and last order and the intension is close the first trade with a profit trade to reduce draw down when the market have a small retracement.
  + DD recovery start when x order (which order to start the first order and last order DD reduction methods) Here means that in how many trades to start the first order and last order closing strategy, if I set the x as 5, the EA will calculate the total order form the magic num and if it is 5 than it will start to calculate winning percentage of first order and fifth order. But it won’t start this calculation if there are only four orders opened. And just follow the average winning TP.

Example: First buy trade is opened and the price has moved against the trade in 100 pips => EA opens a new buy trade => moved against the trade in 100 pips => EA opens a new buy trade => moved against the trade in 100 pips => EA opens a new buy trade => triggered start of DD recovery ( 4 orders to start DD recovery) => calculate the first(1) order and last(4) order with how many percent of winning to close orders together => x percent reached => close first and last trade => 2 current order remain => calculate average profit TP => TP reach close all.

More explain in DD recovery system below

* + DD recovery take profit % of first and last order (calculate winning percent by money for first order and last order)
  + Lots Multiplier start after? order
  + Lots Multiplier x?
  + ATR Gap mode/Signal Mode/Custom Point Mode
    - ATR Mode
    - ATR Time Frame
    - ATR Para
  + Signal Mode
    - Close positions when opposite signal from filters appear
    - TP when reach TP signal
    - Minimum TP points
  + Custom Point Mode
    - Fix Point x?
    - Point multiplier after x order
    - Point multiplier x?
* News Filter High Medium Low impact, before and after mins
* Spread Filter
* Swap Filter on/off make lower side of swap as a side of bias when on. Swap Filter act as a filter for entry trade. Like other filter will show a bull and bear side signal. If the swap is lower, it means the cost for trades overnight will be lower, so if base currency side have a lower swap fee it will show bull signal, if the quote currency side have a lower swap fee it will show bear signal. If the trader aiming for an overnight trade, they can turn on the swap filter to just take trade side with a lower swap to lower their cost. This Filter have to show in the trader panel as a entry filter as well.
* only trade on positive swap side true false. Act as a filter as the Swap Filter as well, but here will just filter the positive swap side for trades and show signal. If both side have a positive swap fee, this signal filter can be show as grey color in the trade panel and this filter can be ignore. If both side of currency is a negative swap fee, this filter signal will show a blue color in the trade panel and this signal will show no entry trade allow. If base currency side have a positive swap fee and the quote side currency have negative swap fee it will show bull signal, if the quote currency side have a positive swap fee and base currency have a negative swap fee it will show bear signal.
* Max DD allow
* close all trades (true/false)
* DD money x?
* DD % x?

Pause hours: it means Pause the new initial trades for how many hours, this mainly for prop firm to control daily DD.

to set as a Pause hours here as traders can use this para wether they are using it for prop firm or a own trading.

Trade Notification (True/False)

Email

Telegram

A screenshot of a graph

Description automatically generated

This is an entry using FVG only when the price touches the FVG it will entry. And the SL set below using SL calculation by MS swing low add x% buffer. TP using a large TF filter target.A screenshot of a computer screen

Description automatically generated

This trade enters using more filters to determine the trades. Entry Signal using FVG and the price retest touch FVG, MS Filter on showing a BOS with a bull trend. EQL liquidity taken and the price cross back above the liquidity shows a bull trend. SL set in the FVG calculation using buffer. TP set in MS previous high.

A screenshot of a computer screen

Description automatically generated

This is the interface that I want to show on the EA Panel to allow clients to check the current situation of the EA now. The MARKET STRUCTURE is a default that will appear on the interface, but it is just a showcase of the trend of the current market and it won’t affect any trade direction of the EA. The color box shown next to the time frame will be the direction of the MS signal in the current market, with green indicating a bull signal and red indicating a bear signal.

Entry Filter: This column will show every entry filter that the traders turned true in the filters section. If the entry filter turns false, it won’t show in this column. The column will show the short form of the filter and also the time frame that the filter uses. There will be a little box showing the trend of the filter, with green indicating a bull signal and red indicating a bear signal, and grey if there are no signals and they need to be ignored, such as the previous day high-low signal that will be shown in grey if it is turned on and the current price is between the previous day high-low but hasn’t shown any liquidity taken. Those signals such as Premium and Discount will show a blue color if they are true and retracement hasn’t reached 50% because it can’t be ignored and no trades will be allowed if the filter is true but it is in blue color.

Entry Signal: This column will show every entry signal that has turned true with the time frame of that signal.

Other then the above information that have to show in the graph also need to show below information .

Entry Lots

Swap Filter

News Filter

Trade Time

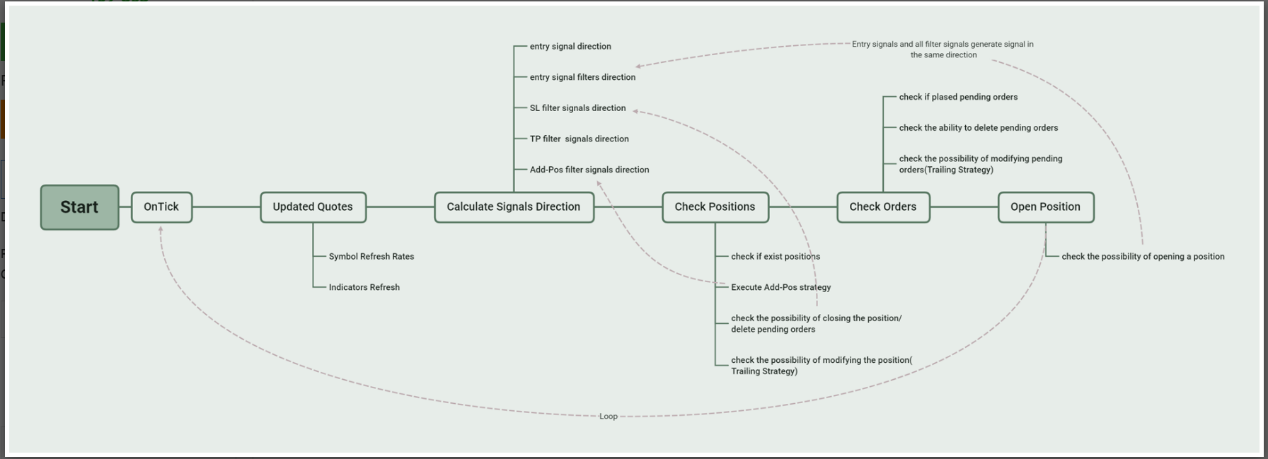
Etc.

If the price reacts in a Discount, then it’s weak.

* Don’t mark Order block in a Discount.
* Trading in both directions according to the timeframe BIAS.
* Add Trading times (Kill zones).
* Add Trading days (Monday to Sunday trading on/off).
* Add Trading Months (Jan to Dec trading on/off).
* Marking Multi-Timeframe zones/bias.
* Showing BIAS of all 5 timeframes of market structure on the top.
* Marking Order blocks, FVG, BOS, CHOCH, HH, LL, HL, LH for all timeframes.
* Analyzing all 5 timeframes according to the flow chart.
* Adding colors for lines and order block of each Timeframe.

A Range is marked from the last Swing High to Swing Low and vice versa. Then we always have the same flow chart for all timeframes:

* Trade management logic: The EA needs to shift with different types of trade exits. This mean the RR calculation logic and the DD reduction Martingale logic. Traders can choose between two logic to manage their trades for TP SL or recovery the losing initial trade.
* The trade has to calculate the potential TP point first, such as the swing high, low, support, resistance, FVG, order block, equal low, high, liquidity, etc. After calculating the distance of SL and TP, then it will have the RR ratio and make a filter for the ratio that enters the trade with an RR ratio more than x. Also, it has to add a trailing and partial exit option for the RR calculation methods.
* the DD recovery system based on gold stuff EA parameters but add an ATR multiplier option for the gaps and the pips multiplier gap. Basically, the last order and the first order have the profit % calculation. And its need a DD reduction start calculation based on how many orders as the gold stuff EA. The recovery system explained details with para in the user input section. The logic no need to be totally same with gold stuff EA just based on the last order to close with the first order of wining percent. If the number of order haven’t meet the start of the DD reduction system, it will just based on the simple martingale system to calculate average orders profit to take profit. In a case if I set the DD reduction start order to 4 it means the EA will calculate the total number of trades are still open. If there is only 3 current orders, the recovery system won’t start and it will just calculate the average profit for 3 trades. If the price continues and the fourth order opened, the EA will start to calculate the first order and the last order winning percent. If the profit of the last order can break even the first trade and even make a percentage of profit, the EA will close the first trade and the last trade together. And the current order will just have 2 and it will continue to use simple martingale averaging to calculate the average TP and close orders. If the price still continue after that and back to 4 current orders again, the DD recovery system will start. If the price continue and open the sixth order, let’s call it A,B,C,D,E,F orders.The EA will calculate the DD recovery system again to close F order and A order, after that there will left B,C,D,E orders. The EA will calculate and close B and E orders until it just left fewer than 3 or less orders to use the normal martingale system.

Please make me a logic mapping as below after the EA is done to let me have a more clear understanding to let me make my education for my clientsA diagram of a company

Description automatically generatedA screenshot of a computer

Description automatically generated