# AutoTrader Bot Development Brief – ApexFlow (Trend Bot)

## Bot Name:

ApexFlow

## Bot Role:

Primary trend-following engine for Tier 1. Designed to provide consistent, compounding growth by entering strong, clean market trends and holding for optimal swing trades.

## Target Monthly Return:

~5% monthly compounding

## Timeframes:

1H and 4H charts

## Trade Frequency:

1–3 trades per week (per pair or asset)

## Market Focus:

Forex majors and stable trending pairs (e.g., EUR/USD, GBP/USD, USD/JPY)

## Entry Conditions:

- EMA Cross: 50 EMA crossing above 200 EMA for long, and below for short  
- RSI Confirmation: RSI (14) above 55 for long, below 45 for short  
- Entry after pullback to 50 EMA with trend direction confirmation  
- Avoid entries during major economic news (news filter if possible)

## Exit Conditions:

- Take Profit: Fixed 1:2 risk-to-reward ratio OR trailing stop once position is +1R  
- Stop Loss: Below recent swing low (long) or swing high (short)  
- Optional exit on opposite EMA cross or RSI divergence

## Trade Filters / Risk Logic:

- One trade per direction per pair at a time  
- No trading on weekends  
- Max drawdown per trade: 1–1.5% of capital  
- Time filter to avoid late Friday entries

## Additional Developer Notes:

- Bot must be coded to MT5 platform  
- Parameters should be externally adjustable (.set file compatible)  
- Logging for each trade decision must be included for review/debug  
- Designed to compound gains automatically if profit reinvestment is enabled  
- Must support multi-symbol deployment