US30/DJ30 EA Specification

# Platform & Broker

• MetaTrader 5 (MT5)  
• Broker: Blueberry Markets  
• Symbol: Wall Street 30 Cash (US30/DJ30)

# Entry Logic

• Timeframe: M5  
• Take the High and Low of the previous 5-minute candle  
• If price touches the High twice → BUY  
• If price touches the Low twice → SELL  
• Maximum 1 trade per candle, but multiple trades may run simultaneously over different candles

# Order Settings

• Fixed lot size (input)  
• StopLoss: 5 points (input)  
• TakeProfit: optional (input)  
• Spread filter (MaxSpread input)  
• Slippage input

# Trailing Stop (Jumping)

• Initial SL = 5 points  
• At +10 points profit → move SL to BreakEven  
• For every +5 points further profit → shift SL +5 points (step trailing)

# Time Filter

• Trading starts 15 minutes after US30 open (15:45 Amsterdam time)  
• Trading ends at London close (18:00 CET / 19:00 CEST)  
• Input: SessionMode = Auto (DST) / Winter / Summer  
• Outside trading hours: no new trades, but trailing continues

# Overlay Display

• EA status (Active = Green / Inactive = Red)  
• Daily realized P/L since midnight Amsterdam time  
• Candle timer (countdown mm:ss)

# Safety & Extras

• MaxDailyLoss (stops EA)  
• MaxDailyProfit (optional)  
• EmergencyCloseAll toggle  
• Margin check before entry  
• Optional arrows on chart (toggle)  
• Verbose logging

# Delivery & Testing

• Deliver both .mq5 (source) and .ex5 (compiled)  
• Include short user manual for inputs  
• Provide minimum 3 months backtest with tick data and variable spread  
• 1 week forward test on demo (Blueberry Markets)  
• 1 week live test with small lot  
• Provide screenshots, equity curve and logs