**Current Implementation**

**Trading Rules**

* **Position Management**: One position per symbol maximum
* **Stop Loss**: 2% below entry price
* **Take Profit**: 5% above entry price
* **Trading Hours**: US market hours only (9:30 AM - 4:00 PM ET)
* **Position Sizing**: Fixed dollar amount per trade ($1,000 default)
* **Order Type**: Market orders with bracket (stop loss + take profit)

**System Features**

* CSV file monitoring for Holly alerts
* Automatic order placement via IBKR TWS API
* Symbol duplicate prevention
* Trade logging to files

**Recommended Risk Management Additions**

**Position & Exposure Limits**

* Maximum trades per day
* Maximum concurrent open positions
* Daily loss limit (dollar amount)
* Account equity stop (minimum balance to continue)
* Position sizing as percentage of account

**Trade Management**

* Time-based exits (close after X minutes)
* Trailing stop loss option
* Partial position closing
* Consecutive loss pause (stop after X losses)

**Advanced Filters**

* Volume threshold requirements
* Price range filters
* Alert type prioritization
* Symbol blacklist/whitelist

**System Requirements - Open Questions**

**Risk Management**

**Position Sizing**

* Fixed dollar amount or percentage of account equity?
* Different sizes for different alert types?
* Scale based on account performance?

**Loss Protection**

* Daily loss limit amount?
* Weekly/monthly loss limits?
* Action when limits hit (pause for day/week)?

**Trade Limits**

* Maximum trades per day?
* Maximum positions open simultaneously?
* Sector concentration limits?

**Exit Strategy**

* Stop loss percentage (keep 2%)?
* Take profit percentage (keep 5%)?
* Trailing stops required?
* Time-based exit minutes?

**Order Execution**

**Order Types**

* Continue with market orders or use limit orders?
* Slippage tolerance for entries?
* Handling for partial fills?

**Failure Handling**

* Retry failed orders?
* Action if bracket orders fail?
* Connection loss protocol?

**Alert Processing**

**Holly AI Specific**

* Trade all alert types or filter specific ones (NHP, EAT, etc.)?
* Priority ranking for simultaneous alerts?
* Minimum time between alerts for same symbol?

**Filters**

* Minimum/maximum price for tradeable stocks?
* Volume requirements (relative volume threshold)?
* Resistance level distance requirements?

**Dashboard Requirements**

**Real-Time Display**

* Essential metrics to display?
* Update frequency?
* Alert notifications needed?

**Historical Tracking**

* Performance metrics required?
* Report frequency (daily/weekly/monthly)?
* Data export formats needed?

**Access**

* Web-only or mobile access needed?
* Multiple user support?
* Read-only viewer access?

**Operational**

**Account Management**

* Single or multiple IBKR accounts?
* Different rules per account?
* Account selection logic?

**System Operation**

* Auto-start on reboot?
* Remote monitoring required?
* Backup/disaster recovery needs?

**Performance Tracking**

**Metrics**

* Track by Holly alert type?
* Symbol performance analysis?
* Win rate calculations?
* Average hold time tracking?

**Future Considerations**

**Scaling**

* Expected daily trade volume?