* **Please start the trading system via launcher.py.**
* API key.env and Telegram.env are files for Binance testnet API key& secret and Telegram API key&chatId. Please update with your own keys/secret/chatID for your testing.
* Modules are arranged in the following manner:

|  |  |  |
| --- | --- | --- |
| **File Name** | **System** | **Purpose** |
| launcher.py | Bridging System | Starting the trading system and UI |
| TelegramAlerting.py | Bridging System | Telegram alert interface |
| DataRetriever.py | Gateways | Market data gateway via Binance API |
| OrderGateWay.py | Gateways | Order gateway via Binance API |
| MainFile.py | Core System | Connecting all modules |
| ML\_Signal.py | Core System | Signal Generator: “BUY” “SELL” “NO ACTION” signals |
| DecisionEngine.py | Core System | Decision Engine: sizing of position, pre-trade check |
| PositionAfterCare.py | Core System | Post-Trade Care Module: absolute stop loss/taking profit and tailing taking profit. |
| ExecutionModule.py | Core System | Execution Module: smart execution and emergency square off |
| RiskEngine.py | Core System | Risk Management: Margin monitoring, Dynamic Stop Loss, Risk metrics. |
| order\_manager.py | Core System | Database: tracking all orders |
| Candlestick Signal Storage And Trade.py | Core System | Database: tracking all signals and trade executions |