

# Developing an Auto Trader

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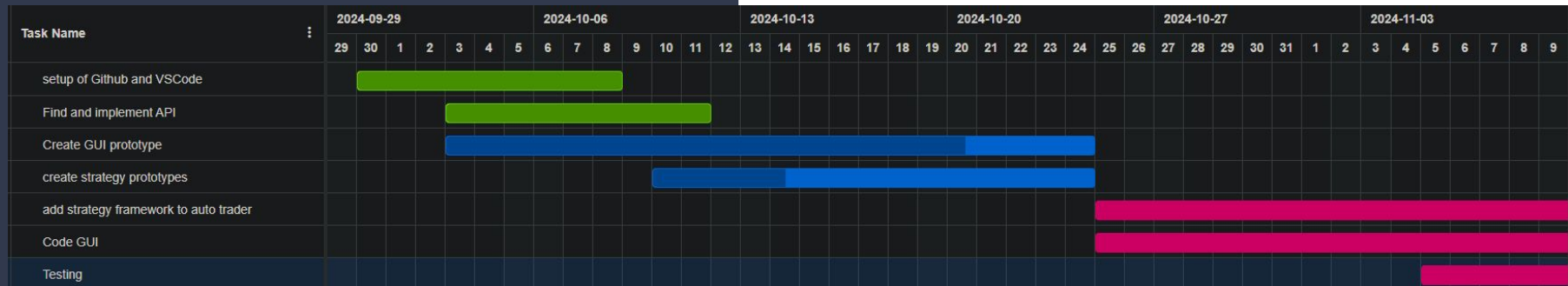
# Project Introduction



- Trading Application with the ability to trade manually or automatically based on user defined strategies.
- Receives live data via Rest API and submits trades using a third party broker API
- Interactable GUI
  - View Portfolio
  - View, purchase, and sell stocks, crypto, etc.
  - Start and stop Auto Trading
  - Create new strategies



# Gantt Chart



# Taapi.IO API



- Free access to live data and indicators of stocks, ETFs, Crypto, and more
- Easy implementation into python project using REST API
- Limited request rate, scalable by purchasing higher request rate

## Binance BTC/USDT Indicators (1 Hour)

Indicator: RSI

- Value: 61.23

Indicator: EMA

- Period: 20

- Value: 67236.77

Indicator: MACD

- MACD Value: 406.75

- MACD Signal: 407.36

- MACD Histogram: -0.61

Indicator: KDJ

- K Value: 61.11

- D Value: 65.62

- J Value: 52.08

# GUI/Demo



- Plan to use the Tkinter library to build the GUI in Python.
- No previous front end development experience makes it easier
- [Demo / Prototype](#)