C(onsumerism) Sharp Market

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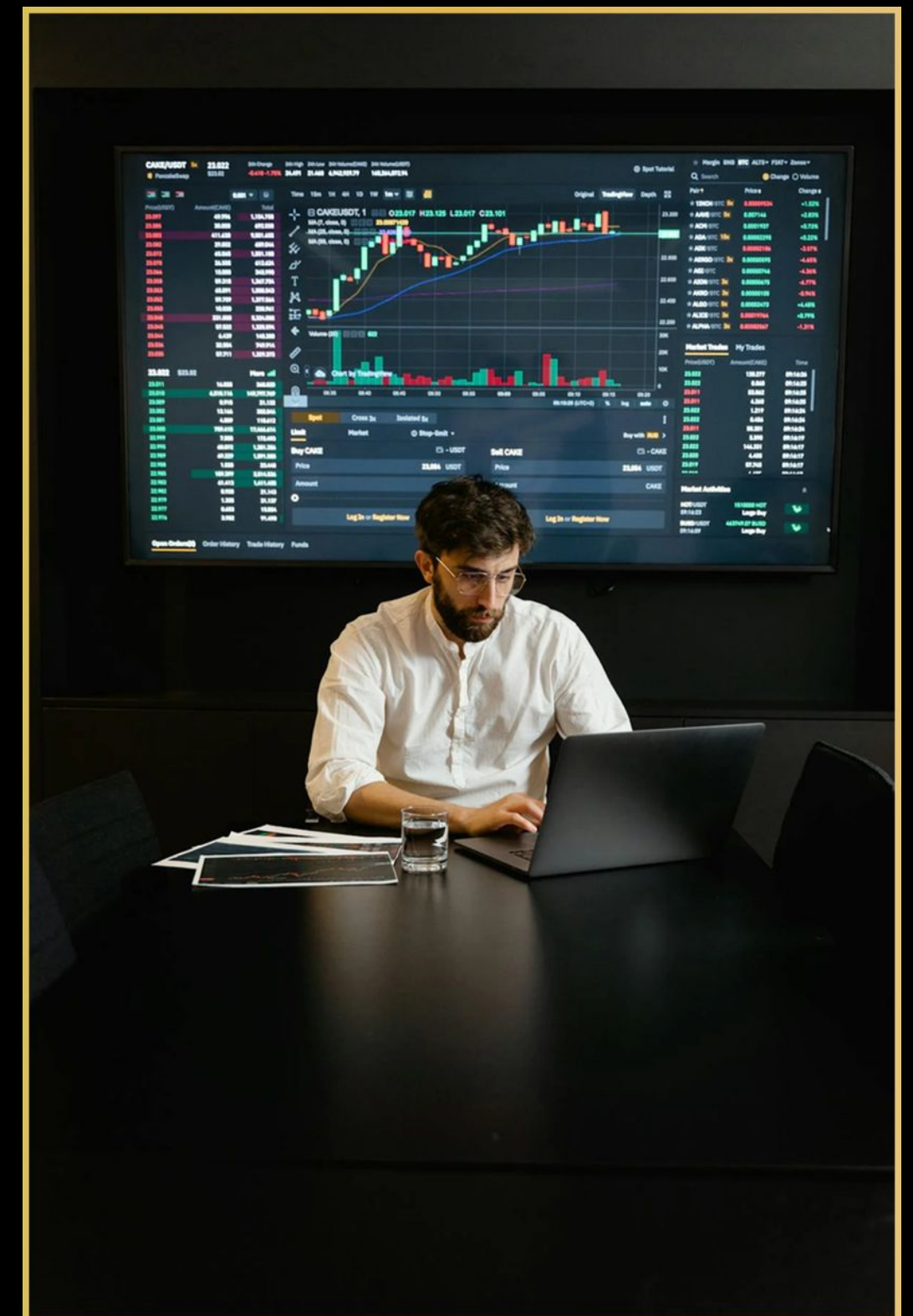
01. # Game Intro

You are a stockbroker on Sharp Street.
Your job is to buy and sell stocks while Sharp Street is open.
You need to end the day with a higher net worth than you started.

"Youtube is the best place for project inspiration."

-Myself (after coming up with this game idea from watching a youtube video)

```
                    Welcome to C(onsumerism) Sharp Market!
-----------------------------------------------------------------------------
          You are a stock market trader watching live stock market prices.
   Your goal is to maximize profit before the trading day ends at 4pm without insider trading.

              Buy when prices are low, sell when prices are high.
            Watch out! Stocks can randomly crash or spike in price.
        If you end the day with a lower net worth than you started, you LOSE!

                             Controls:
                              B — Buy
                              S — Sell
                     N — Skip/Wait One Tick
                            R — Restart
                           ESC — Pause
                             Q — Quit

                  Press any key to open up Sharp Street
```

Iteration 1: Introduction Paragraph

```
--------------------------------------------
Time: 4:00PM
Money: $1035
Stocks Owned: 0
Net Worth: $1035
--------------------------------------------
[B] – Buy [S] – Sell [N] – Skip [R] – Restart [ESC] – Pause [Q] – Quit
--------------------------------------------
```

```
--------------------------------------------
Time: 8:00AM
Money: $765
Stocks Owned: 5
Net Worth: $845
--------------------------------------------
[B] – Buy [S] – Sell [N] – Skip [R] – Restart [ESC] – Pause [Q] – Quit
```

Iteration 2: Stats UI Method

```
Stock Prices Crashed!! They decreased by $29.
Stock prices are now 16.
_____

Time: 8:00AM
Money: $765
Stocks Owned: 5
Net Worth: $845
_____

[B] - Buy [S] - Sell [N] - Skip [R] - Restart [ESC] - Pause [Q] - Quit
```

Iteration 3: Update Stock Price Method

```
Stock prices are now 57.
————————————————————————————————————————

Time: 7:00AM
Money: $1000
Stocks Owned: 0
Net Worth: $1000

————————————————————————————————————————

[B] — Buy [S] — Sell [N] — Skip [R] — Restart [ESC] — Pause [Q] — Quit

Game Paused. Press ESC to resume.
```

Iteration 4 & 5: Restart & Pause Methods

Iteration 6: End Screen

```
Stock prices are now 59.
_____

Time: 7:00AM
Money: $1000
Stocks Owned: 0
Net Worth: $1000
_____

[B] — Buy [S] — Sell [N] — Skip [R] — Restart [ESC] — Pause [Q] — Quit
You didn't make a move. Stock market updated.
```

Final Iteration: Automatic Game Continuation

Other Cool Things

01.

Previous Game Memory

Keeps your previous game stats

02.

High Score

Keeps track of your highest final net worth amount