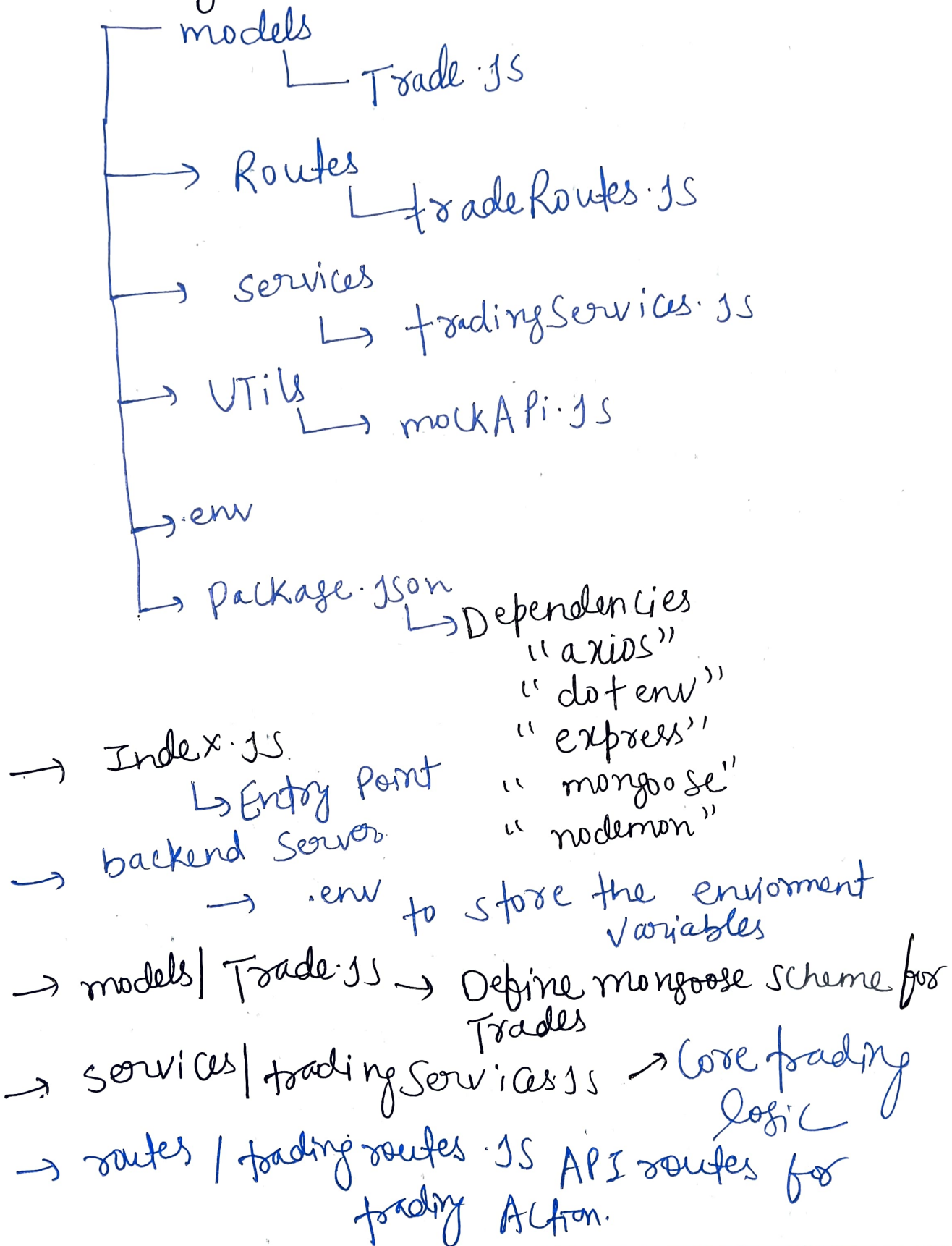


Trading bot backend.



USE NEW URL PARSER: TRUE; Ensure the new, more Robust URL PARSER is USED, avoid potential connection string parsing errors.

USE UNIFIED TOPOLOGY: - TRUE: Enables the new topology engines for handling connections and server discovery, improving performance and stability.

Trade.js → models/Schema mongoose.Schema

Stock Symbol, buy price, Sell Price,
quantity, profit loss, date

date: { type: date, default: Date.now }

module.exports = mongoose.model('Trade',
tradeSchema)

→ Set up the server

→ dotenv → express → mongoose → trade
routes

const app = express();

const PORT = process.env.PORT || 5000;

→ services/tradingServices.js

① Current Balance and stock position

② Get mock stock price

③ evaluate Trade

④ Buy condition

⑤ Sell condition

⑥ Stop loss condition

⑦ start Trading simulation
function

Important notes

→ Buy condition

→ Sell condition

→ Stop loss
condition

→ simulation.

→ Step 6 Create Routes → routes/TradeRoute.js

use unified Topology: - Time
enable new server discovery

& monitoring error
→ more reliable,
efficient.

handle discovery setup and monitoring
in a cluster or standalone setup.

Use new URL parser for
APP uses new connection
string parser to avoid
any deprecation warning
→ stability/compatibility