**Database Documentation for Portfolio Management**

**Database:**

* Database Name: portfolio
* Connection URI: mongodb://localhost:27017/portfoliodb
* Connection Options:
  + useNewUrlParser: Enables the new URL parser for MongoDB connection strings.
  + useUnifiedTopology: Enables the new unified topology for MongoDB connection.

**Models:**

1. **Portfolio Model:**
   * Description: This model represents a portfolio in the database. A portfolio is a collection of trades.
   * Schema:
     + trades: An array containing references to trade documents. Each trade document is represented by its ObjectId.
2. **Stock Model:**
   * Description: This model represents a stock in the database. Each stock has a unique identifier.
   * Schema:
     + stockId: A string field representing the unique identifier for the stock. It is required and must be unique.
3. **Trade Model:**
   * Description: This model represents a trade made with a particular stock. It includes details such as the stock, trade date, price, and type (BUY or SELL).
   * Schema:
     + stock: A reference to the associated stock document. It is required.
     + date: A Date field representing the date of the trade. It is required.
     + price: A Number field representing the price at which the trade was made. It is required.
     + type: A String field representing the type of trade, which can be either BUY or SELL. It is required and must be one of the specified enum values.