

Stock Market

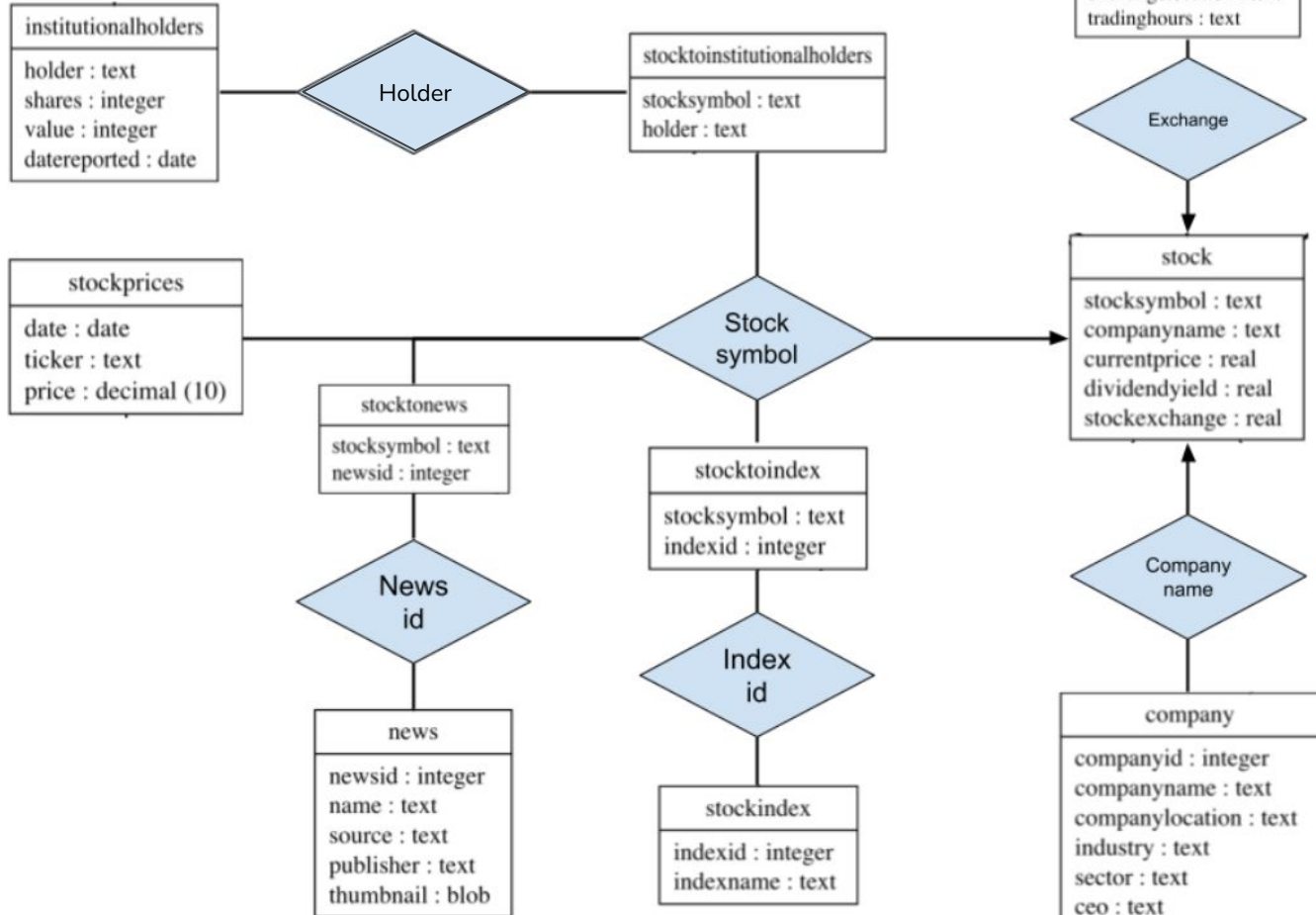
By: Joseph Tadrous, Cameron Wat





E/R Diagram

- Company to Stock (One-to-One): Connects companies to their stocks.
- Stock To Stock Exchange (One-to-One): Associates stocks with their trading exchanges.
- Stock To News (Many-to-Many): Links stocks to news articles for updates.
- Stock To Index (Many-to-Many): Relates stocks to stock indices.
- Stock To Institutional Holders (Many-to-Many): Connects stocks to institutional holders.
- Stock To Stock Prices (One-to-Many): Records daily stock price data, tied to specific stocks.





UML USE CASE: Stock Market System

How external actors interact with the system and the various use cases provided by the system.

- Actors
 - Investor
 - Stock Analyst
 - News Publisher
- Use Cases
 - View stock Information
 - Analyze Stock
 - View News
 - Track Institutional Holdings
 - Search for companies
 - View Exchange Information
 - Etc..

