A diagram of a diagram

AI-generated content may be incorrect.

Relations

|  |  |
| --- | --- |
| **User** | UserID (PK), Name, Email, Password (hashed), CreateDate |
| **Portfolio** | PortfolioID (PK), UserID (FK), Name, RiskProfile |
| **Security** | SecurityID (PK), Symbol, Name, Type, Sector, CurrentPrice |
| **Transaction** | TransactionID (PK), PortfolioID (FK), SecurityID (FK), Type (Buy/Sell), Quantity, Price, Date, Fees |
| **WatchlistItem** | WatchlistID (PK), UserID (FK), SecurityID (FK), AlertPrice, DateAdded |

FDS

UserID → Name, Email, Password, CreateDate

PortfolioID → UserID, Name, RiskProfile

SecurityID → Symbol, Name, Type, Sector, CurrentPrice

TransactionID → PortfolioID, SecurityID, Type, Quantity, Price, Date, Fees

WatchlistID → UserID, SecurityID, AlertPrice, DateAdded