

1. User
 - user_ID \rightarrow username, email, password
 - user_ID is the superkey
2. Portfolio
 - portfolio_ID \rightarrow user_ID, portfolioName, creationDate, description
 - portfolioID is the superkey.
3. Stock
 - stock_ID \rightarrow tickerSymbol, companyName, sector, currentPrice, volume
 - stock_ID is the superkey
4. Transaction
 - transaction_ID \rightarrow portfolioStock_ID, transactionDate, type, quantity, pricePerShare
 - transaction_ID is the superkey.
5. Dividend
 - dividend_ID \rightarrow stock_ID, paymentDate, amountPerShare
 - dividend_ID is the superkey.
6. CorporateAction
 - corporateAction_ID \rightarrow stock_ID, actionType, actionDate, details
 - corporateAction_ID is the superkey.
7. PortfolioStock (Associative Entity)
 - portfolioStock_ID \rightarrow portfolio_ID, stock_ID, quantityOwned
 - PortfolioStockID is the superkey.
8. Performance
 - performance_ID \rightarrow portfolio_ID, date, totalValue, unrealizedGainsLosses, realizedGainsLosses
 - PerformanceID is the superkey.

Each table meets the requirements of BCNF, thus the schema based on the provided ERD is appropriately normalized to BCNF.

User(UserID, Username, Email, Password)

Portfolio(PortfolioID, UserID, PortfolioName, CreationDate, Description)

Stock(StockID, TickerSymbol, CompanyName, Sector, CurrentPrice, Volume)

Transaction(TransactionID, PortfolioStockID, TransactionDate, Type, Quantity, PricePerShare)

Dividend(DividendID, StockID, PaymentDate, AmountPerShare)

CorporateAction(ActionID, StockID, ActionType, ActionDate, Details)

PortfolioStock(PortfolioStockID, PortfolioID, StockID, QuantityOwned)

PortfolioPerformance(PerformanceID, PortfolioID, Date, TotalValue, UnrealizedGainsLosses, RealizedGainsLosses)