Assignment 3

Class Diagram

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User

-name:String

-password:String

-email:String

-money:Float

-ownedStrocks:HashMap<Stock, Integer>

+User

Stock

-name:String

-ticker:String

-price:Float

-priceHistory:HashMap<Date, Float>

+Stock

owns

hasPlayers

hasTeammates

hasFavorites

Leaderboard

-topPlayers:List<User>

-topTeams:List<Team>

+Leaderboard

hasTeams

Teams

-name:String

-teammates:List<User>

-favoriteStock:List<Stock>

+Team

Advertisement

-id:int

-htmlContents:String

+Advertisement