## Data Dictionary

**Class: Guest**

The Guest object is used to store attributes and functions related to a guest user that is not logged in.

**Attributes:**

**Functions:**

resetPassword(): This

checkEmail(): This

**Class: Game**

The Game object is used to store attributes and functions related to a Game. It is what defines a game, such as the home team, away team, each team’s score and the date/time the game is played.

**Attributes:**

awayScore::int: This

awayTeamID:: int: This

date::datetime: This

homeScore:: int: This

homeTeamID:: int: This

ID:: int: This

**Functions:**

createGame(): This

viewGames(): This

modifyGame(): This

viewScheduleByLeague(): This

postComment(): This

publishVote(): This

viewComments(): This

viewPreditions(): This

viewScore(): This

**Class: Predictions**

The Predictions object is used to store attributes and functions related to a user’s prediction as to which team will when a game.

**Attributes:**

gameID:: int: This

teamID:: int: This

userID:: int: This

**Class: Comment**

The Comment object is used to store attributes and functions related to a comment placed by a user for a given game.

**Attributes:**

comment::string: This

gameID:: int: This

ID:: int: This

timestamp::datetime: This

Type::short: This

userID::int: This

**Class: User**

The

**Attributes:**

email::string: This

firstName::string: This

ID:: int: This

isAdmin::bool: This

lastName::string: This

password::string: This

**Functions:**

login(): This

logout(): This

modifyPassword(): This

registerUser(): This

**Class: Team**

The

**Attributes:**

ID::int: This

leagueId::int: This

teamName::string: This

**Functions:**

viewTeamsByLeague(): This

createTeam(): This

modifyTeam(): This

**Class: Administrator**

The

**Attributes:**

**Functions:**

**Class: League**

The

**Attributes:**

ID::int: This

Name::string: This

sportID::int: This

userID::int: This

**Functions:**

createLeague(): This

viewLeaguesBySport(): This

viewLeaguesByUser(): This

modifyLeagues(): This

**Class: Sport**

The

**Attributes:**

ID::int: This

Name::string: This

**Functions:**

viewSport(): This

createSport(): This

modifySport(): This