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Fantasy Hockey Projector

**Input Functions** – The system must accept the following inputs:

* Team names {char teamName}
* Player names {char fName, char lName,}
* Player statistics {int goals, int assists, int plusMinus, dec gaa, dec savePercent, int wins}

**Output Functions** – The system must generate the following outputs:

* Star rating for each player based on statistics for each player {dec playerStar}
* Star rating for each team based on average star rating for each player on each team {dec teamStar}
* Projected winning team for each upcoming game based on team star rating comparison {bool teamWin}
* Projected winning team for division based on team star rating comparison {int teamRank}
* Players sorted by team, position, top (X) amount in each statistical category and/or star rating {char teamName, char fName, char lName, int goals, int assists, int plusMinus, dec gaa, dec savePercent, int wins, dec playerStar, dec teamStar, int teamRank}

**Storage Functions** – The system must maintain the following data:

* MySQL database stores tables Teams, Players, and Weeks
* Teams Table stores Team Names and Team City/Region for each team
* Player Table stores First name, Last name, Position, and Statistics for each player
* Week Table stores Statistics for each player for each week