

We have five tables - User, Game, Sport, League, and Post. The User is just a user id and name and helps us keep tracks of posts. The game, sport, and league are all connected where a game has information about stats of the game and then a sport id which ties it to a row in the sport table. A sport then has a league id, tying it to the league table. Finally, the post table will reference a game id and user id, along with ratings and comments about the game.

The user will interact with our database mostly by creating a post. From the user end, they will first log in or create an account. Then they will create a post about a game, inputting the game's stats and league, etc. along with their rating and comments. Our backend will take those inputs and run the necessary queries to add data to the different tables. The user will also be able to view all of their posts. Potentially we will add it so that they can view other users' posts.