Community/Organization: Gaming Communities
- The proposed system would help users form communities based on the games they play, along with other functionality. It will allow users to search for other players with the same interests in genre as them or who play the same game. Players can also create communities which other players can join. Players can also join teams to participate in tournaments.

Processes:
1. Allow users to include information about themselves such as the games they play, the genres of games they like, and general information regarding the user such as location and contact information.
2. Allow users to write a comment about a game and include their rating (0 - 5 inclusive).
3. Allow users to create communities which other players can join.
4. Communities can also host events.
5. Allow players to communicate within a community through a forum.
6. Define a list of games that users can choose from.
7. Allow users to create teams which other players can join to participate in tournaments.

Business Rules:
1. A tournament needs to have a minimum of $100 dollars as the prize pool.
2. A team cannot participate in two tournaments on the same day.
3. A user that creates a team does not need to be a member of the team.
4. A user that creates a community has to be a member of that community.
5. The owner of a community cannot be removed as a member of that community.
6. A community_member row will also include the email address of the member.
7. A game rating can not include the substring 'bad' in its comment.
8. A community is identified by its name.
9. A rating for a game must be from 1-3 inclusive.
10. A user can rate a game once
11. A game is uniquely identified by its name.
12. A user is uniquely identified by their email.
13. A user is uniquely identified by their name.

Queries(3 Recursive,5 Aggregation, All require a join, 3 Subquery)
1. List the game_name, the cost of the game, and the average rating of the game with at least 3 ratings with an average rating greater than or equal to 2. (ajs)
2. List the pair of users and their number of genre matches where the number of genre matches between the two players is at least 2. (raj)
3. List the pair of users in 'CommunityA' who play the same game along with the game that the users match on. (rj)
4. List the pair of users in 'CommunityA' who live in different countries where the status of both users is 'in-game'. Also include the country and status of each user (rj)
5. List the community and the owner of the community with the largest number of forum posts along with the number of forum posts. (ajs)
6. List the game, cost of the game, and the total number of players for the game with the total number of players being greater or equal to 3. (ajs)
7. List the users who like the genre that is the most common genre among games, along with their email and the genre name. (ajs)
8. List the users who have left a rating of 3 on games that the user plays and the name of the game. (js)
9. List the owner of the team, the date of the tournament, and the name of the team whose team is participating in a tournament that will take place before the year 2021. (j)
10. List the game and the number of people that play the game where the cost of the game is less than the average cost of all games (ajs)

Views
1. List the number of players and the name of the game for all games
2. List the community member and the games that they play
3. List the community member and their current status
4. List the game name, cost of the game, and genres for every game
5. List the user, the game, and the cost of the game for every game that the user plays