1. Implementing Offset in the Database Query:
   - Modify the database query to support an offset mechanism so we can fetch the next set of movies within the same genre by skipping the ones already fetched.
2. State Management for Offset:
   - In the React component, we maintain a state variable that tracks the current offset. Each time the shuffle button is clicked, we increment this state variable to fetch the next set of movies from the database.
3. Shuffle Button Implementation:
   - Integrate a shuffle button in the user interface that, when clicked, triggers a function to fetch the next set of movies based on the updated offset.
4. Maintaining Genre Consistency:
   - Use genre_num to ensure recommending the same genres.
5. Error Handling and Edge Cases:
   - Implement error handling to manage scenarios where there are fewer movies available than requested.
6. Backend Adjustments:
   - Update (/fetch-movies-from-db) endpoint so it can accept offset as a parameter

In the future, we can refine this algorithm so it can keep a list of likes or dislikes of the users and improve recommendations this way, but as of now, this simple algorithm is a better fit for us and is more feasible to finish.