

Steps to Move from 2NF to 3NF:

1. **Remove** `secretary_name` from the `Club` table to eliminate the transitive dependency.
 2. **Ensure** `secretary_id` is retained in the `Club` table as it correctly references `user_id` from the `User` table.
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SQL Code:

```
-- Remove the secretary_name column from the Club table
ALTER TABLE Club
DROP COLUMN secretary_name;
```

Explanation of the Fix:

- **Before:** The `secretary_name` in the `Club` table depended on `secretary_id`, which in turn depended on `user_id` in the `User` table. This created a transitive dependency.
- **After:** By removing `secretary_name` from the `Club` table, we ensure that all non-key attributes in `Club` depend directly on the primary key (`club_id`), which satisfies the 3NF condition.