The database is built around three main tables: **Users**, **Events**, and **RSVPs**, making the structure simple and easy to follow.

**Users** store basic details with a timestamp to track when they were added.

**Events** are linked to the user who created them, and deleting a user automatically removes their events, keeping things clean.

**RSVPs** connect users and events, with rules that prevent the same user from RSVPing more than once for the same event.

The RSVP status is limited to **Yes, No, or Maybe**, which avoids invalid responses and reflects real-life choices.

Foreign key relationships with **cascade delete** ensure no orphaned or inconsistent data remains.

The design also supports reporting needs, like quickly counting RSVPs per event.