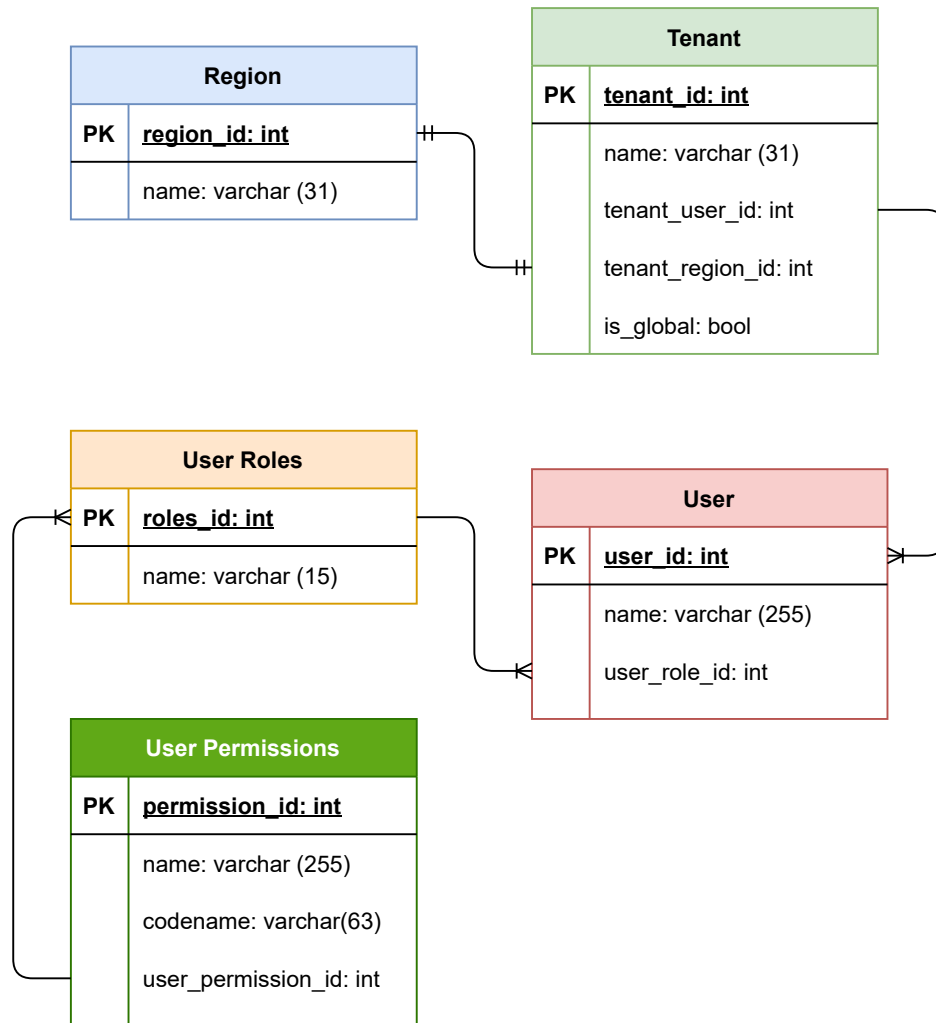


## Multi-Tenant database ERD



### Solution Explanation

1. The regions the organisation operate in are stored in the Region database.
2. Each Region has a one-to-one relationship with a tenant.
3. The Tenant table has a `is_global` boolean field to indicate whether the Region is global so that they can see the user data of all regions.
4. Each tenant will have multiple users and each user has a role. The assumption is that global will not have it's own users but be able to see other regions users.
5. Each user has a user role.
6. The User Permissions table determines what action each user role allows each user. The name field describe the permission. The codename is a shortened version of the name for usability. This allows only the admin of a tenant to add and authenticate users.
7. This is related to other user permissions for each user role.