



Legend

| type of table | type of relationship | type of participation | degree of participation | type of key | update rules | deletion rules |
|------------------|----------------------|-----------------------|-------------------------|---------------------------|--------------|----------------|
| data table | one-to-one | Mandatory | Minimum (1,n) | Primary Key PK | Cascade | Cascade |
| subset table | one-to-many | Mandatory | Minimum (1,n) | Foreign Key FK | Deny | Deny |
| link table | many-to-many | Optional | Maximum (1,n) | Unique Key UK | Nullify | Nullify |
| validation table | | | | Composite Primary Key CPK | Restrict | Restrict |
| | | | | Composite Foreign Key CFK | Set default | Set default |
| | | | | Composite Unique Key CUK | | |