

ASSUMPTIONS:

1. staff id is unique across the centers and staff is restricted to work at one center only
2. a staff has a single role because others it will lead to multivalued attribute so thus an instance of staff is allowed to have one role only
3. there can be some facilities which exist in one center but not any other as indicated in the relationship between Facility of Center and Facility
4. another entity(named "Staff of Class") was created to cater with the null value cases as not all the staff members will be given the teacher role