



Assumption:

1. The status of ads contains 3 values: active, expired and deleted.
2. Users can query the message in inbox and outbox through message entity.
3. Add attributes city_id and ad_id as primary key of city entity and ad entity.
4. Categories exist depend on community.
5. Regions exist depend on city.
6. Ads exist depend on user.
7. "Some" and "a number of" means 0:N.