Team Ozymandias - Relational Schema

LOCATION*

zip_code*	street*	house_number*	city*	state*	mun_id	zone_id

MUNICIPALITY

mun_id	name	zip_code

RULES

mun_id	building_rules

RULES

zone_id	zoning_rules

The relational schema was created from the team ER diagram. Location has an added attribute of municipality id (foreign key from municipality) in order to satisfy the IS_IN relationship. Location also has an added attribute of zone_id to satisfy the BELONGS_TO relationship. Rules is a weak entity dependent on municipality, so its primary key is municipality id. This schema will allow us to relate rules to each municipality and integrate our design into the current database.

* from original schema