Database design

- Tables: '*user*', '*building*'
- User can have '*ADMIN'* or '*SUPERVISOR'* role
- One building can have one supervisor, and one supervisor can have many buildings (One-to-Many relationship)
- One to many relationship is realized by foreign key constraint. Table on 'Many' side ('*building'*) has '*user_id'* column, which represents foreign key to 'user'.
- Both tables have '*id*' column, which represents unique identifier (primary key) for these tables. *Id* values are generated automatically by database. Generation algorithm is *auto increment*, which means new generated value is by one number higher than last generated value.

PHP techniques

- Technique used for exposing CRUD operations on back-end, is creation of separate PHP files for every operation on both entities. Both *user* and *building* entity have create (POST), read/read all (GET), update (PUT) and delete (DELETE) files (HTTP methods). These generated files, are taking passed arguments from HTTP request (if any), communicating with database, and returning appropriate HTTP response.