`categories` table:

* `active` bigint 🡺 `active` boolean: It is a huge waste.
* `name`: It could be not null because it is meaningless wo/ name.
* ‘name’ could be a key to improve speed of searching queries.

`category\_product` table:

* Table name should be plural: `category\_product\_relations` or some others
* `category\_id` needs to be set as a foreign key.
* `product\_id` needs to be set as a foreign key.
* `category\_id` and `product\_id` need to set as not null.
* (`category\_id`, `product\_id`) might be a key candidates if needed in the future.
* `active` tinyint(1) 🡺 `active` boolean: it is because tinyint(1) still represents -128 ~ 127.

`products` table:

* `name`: It could be not null because it is meaningless wo/ name.
* ‘name’ could be a key to improve speed of searching queries.
* `active` int 🡺 `active` boolean