

Database project

The background features a dark purple rectangular area on the left, transitioning into a lighter purple area on the right. A faint grid pattern is visible across the entire background. Overlaid on this are various geometric elements: a series of white-outlined squares and rectangles connected by thin white lines, some with small white dots at the junctions; a solid magenta vertical bar in the top right corner; and several small, glowing white circles scattered throughout the design.

Business rules

- ▶ 1. company - Branch :
 - ▶ One company can own many Branches
 - ▶ One Branch must be owned by company
- ▶ 2.Branch – Employee :
 - ▶ one branch can have many employees
 - ▶ One employee must work in one branch
- ▶ 3.Employee – Roles :
 - ▶ One employee must take one role
 - ▶ One role can be taken by many employees

Business rules

▶ 4. Branch – project :

- ▶ One Branch can have many projects
- ▶ One project must be taken by one Branch

▶ 5. Project – Building :

- ▶ One project can have many buildings
- ▶ One building must be taken by one project

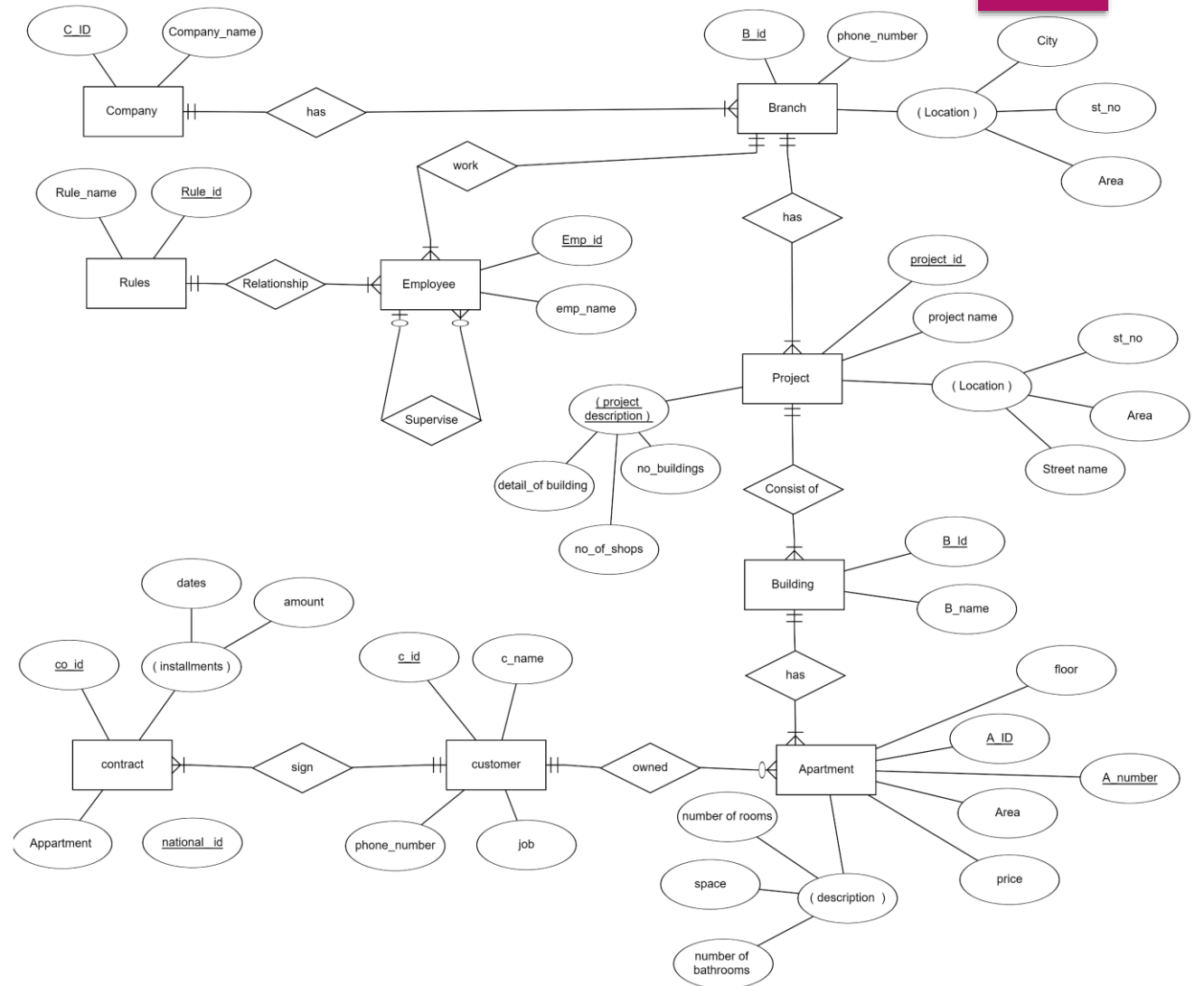
▶ 6. Building – Apartment :

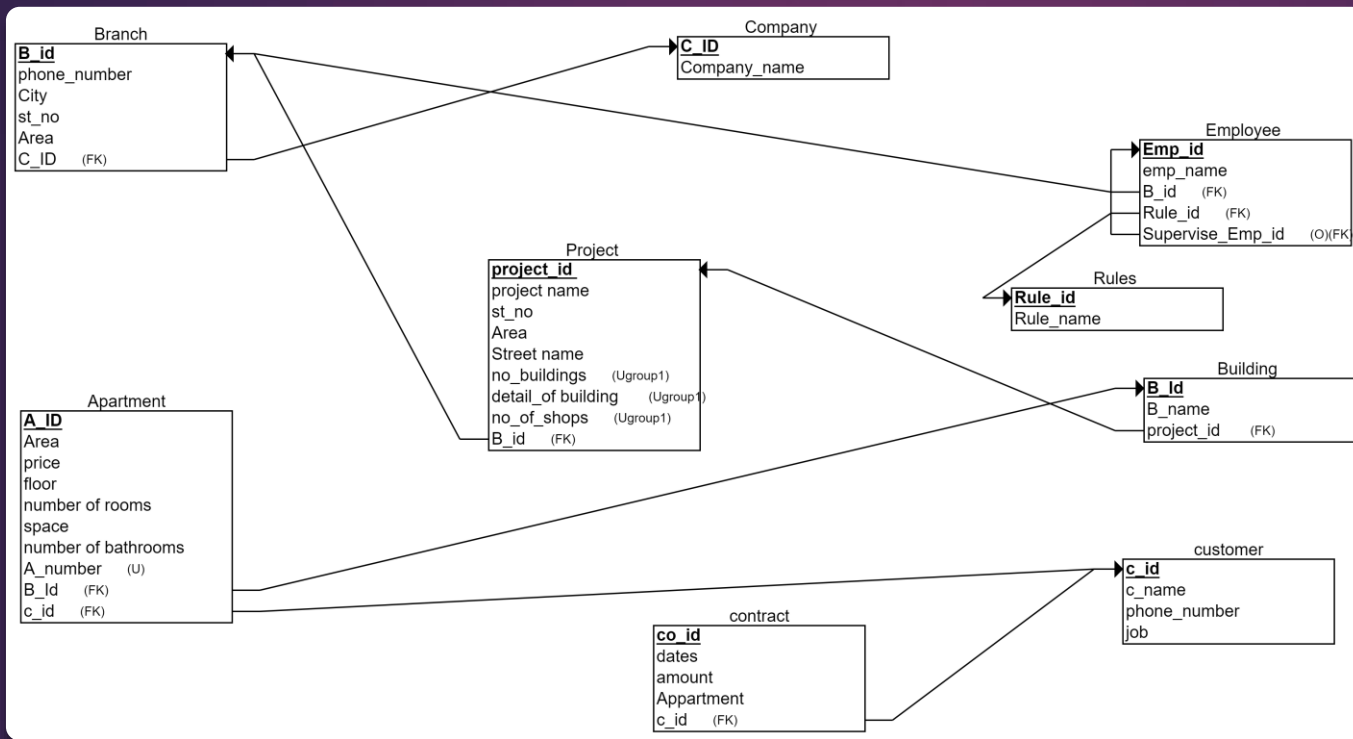
- ▶ One Building can have many apart
- ▶ One Apart must be taken by one Building

Business rules

- ▶ 7. Customer – APP :
 - ▶ One customer can have many Apartments
 - ▶ One Apartment must be owned by one customer
- ▶ 8. Customer – contract :
 - ▶ One customer can sign many contract
 - ▶ One contract must be signed by one customer

ERD





Relational