

Database-1 (ISY 211) Project

Case study 2

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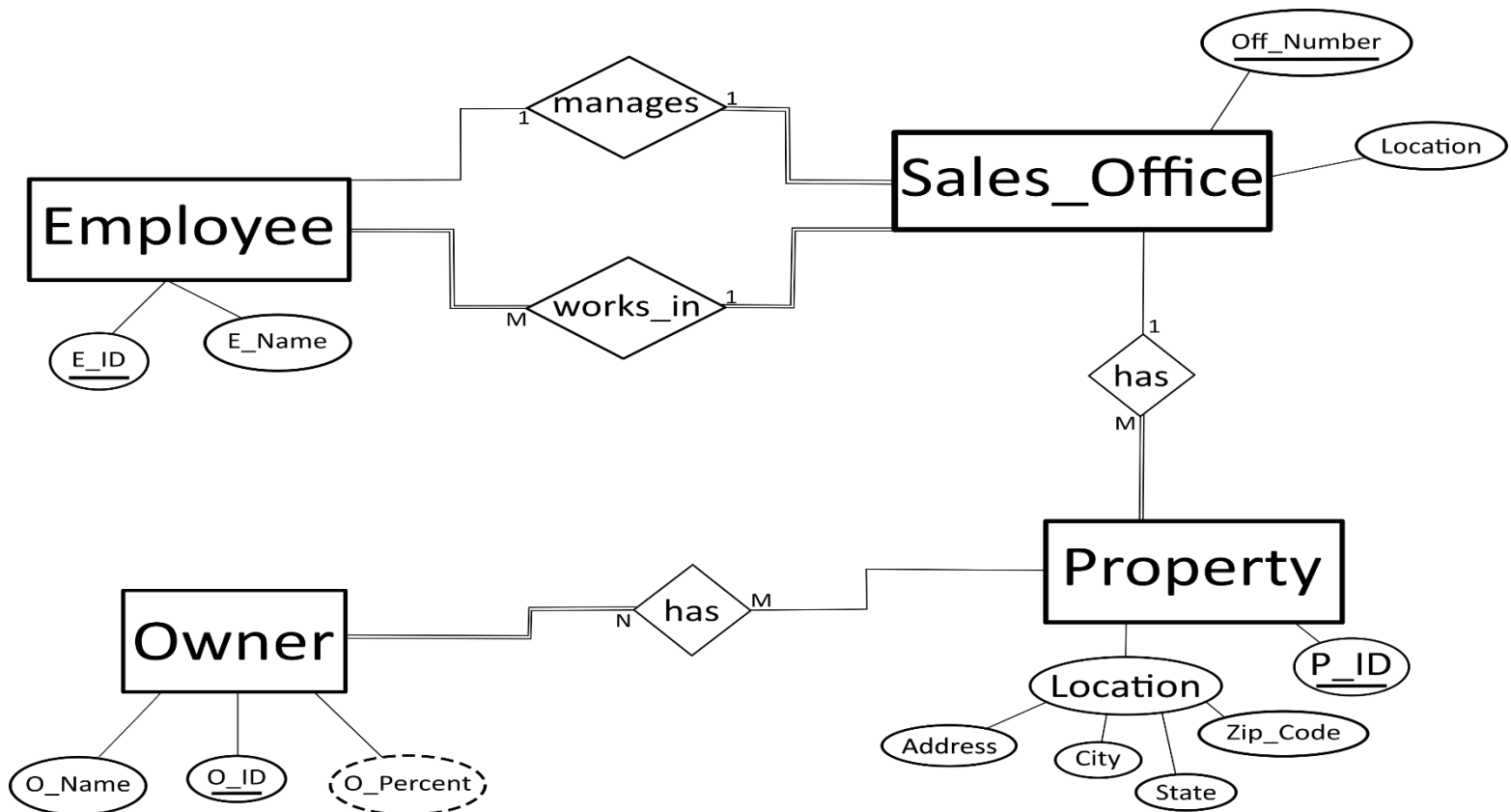
Prof.\Awad Hassb Allah Khalil Matous

Real case study 2:

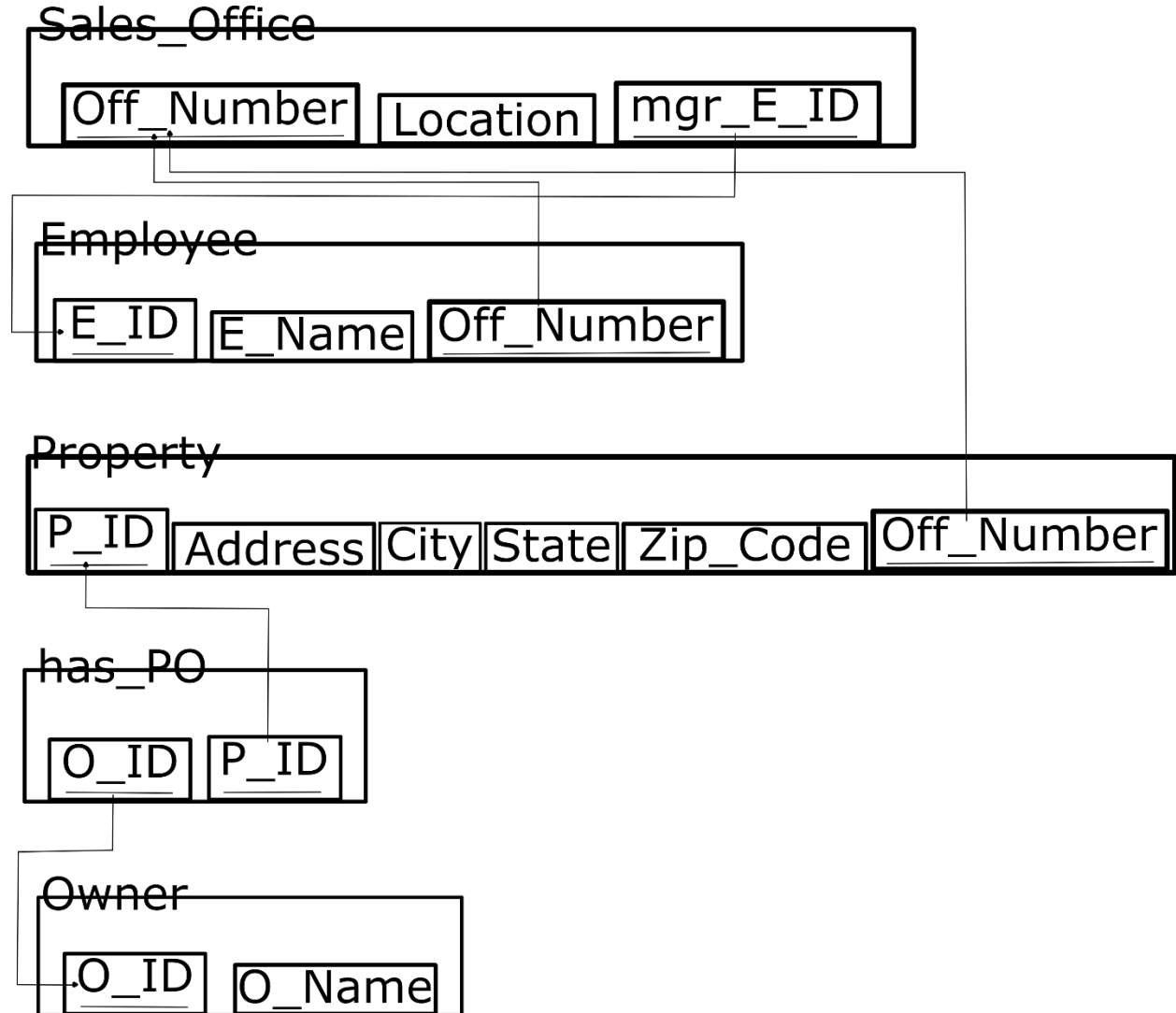
Real estate system A real estate firm lists properties for sale. The following describes this organization:

- The firm has several sales offices in several states. Attributes of sales office include Office_Number and Location.
- Each sales office is assigned one or more employees. Attributes of employee include Employee_ID and Employee_Name. An employee must be assigned to only one sales office.
- For each sales office, there is always one employee assigned to manage that office.
- The firm lists property for sale. Attributes of property include Property_ID and Location. Components of Location include Address, City, State, and Zip_Code.
- Each property must be listed with one (and only one) of the sales offices. A sales office may have any number of properties listed or may have no properties listed.
- Each property has one or more owners. Attributes of owners are Owner_ID and Owner_Name. An owner may own one or more properties. The system stores the percent owned by each owner in each property.

The Entity Relationship Diagram (ERD):



The Relationship Database Diagram (Mapping):



Video(a look inside):

https://www.dropbox.com/s/d8zr0itrjlotnu2/zoom_1.mp4?dl=0