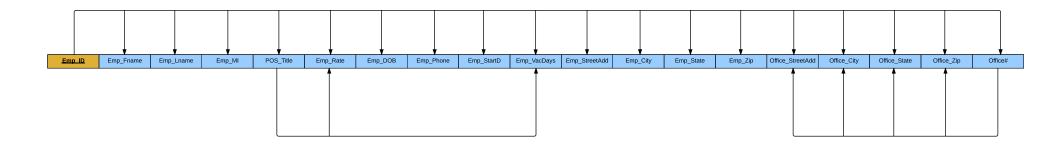
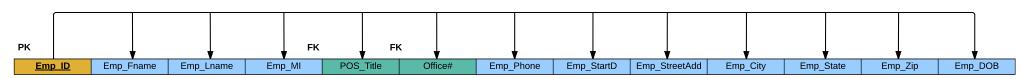
Employee Directory

2 NF No Partial Dependencies Transitive Dependencies Exist

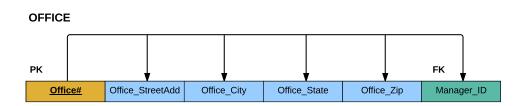


3 NF No Partial Dependencies No Transitive Dependencies

EMPLOYEE

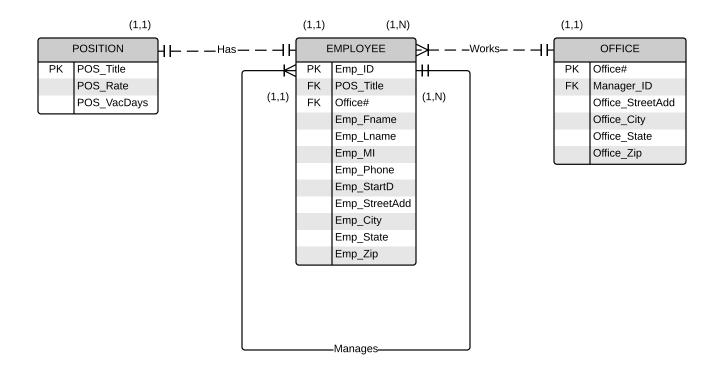






Employee Directory Office_Zip **Chen Diagram** Office_City Manager runs Office_StreetAdd POS_VacDays Office_State Office Position has Employee works POS_Title POS_Rate Emp_ID Emp_DOB Office# Emp_Fname Emp_StreetAdd Manager_ID Emp_Lname Emp_City Emp_MI Emp_State Emp_Zip POS_Title Office# **Business Rules** One Employee can ONLY work at ONE Office Emp_Phone One Office must have at least One Employee but can also have MANY One Employee can also be a Manager Each Office has One and Only One MANAGER Each Employee has One and Only One MANAGER Emp_StartD Each Employee can have One and ONLY one Position Each Manager can ONLY manage ONE Office

Employee Directory Crow's foot diagram



Business Rules

One Employee can ONLY work at ONE Office
One Office must have at least One Employee but can also have MANY
One Employee can also be a Manager
Each Office has One and Only One MANAGER
Each Employee has One and Only One MANAGER
Each Employee can have One and ONLY one Position
Each Manager can ONLY manage ONE Office