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Coursework 1 Database : **Airline management system**

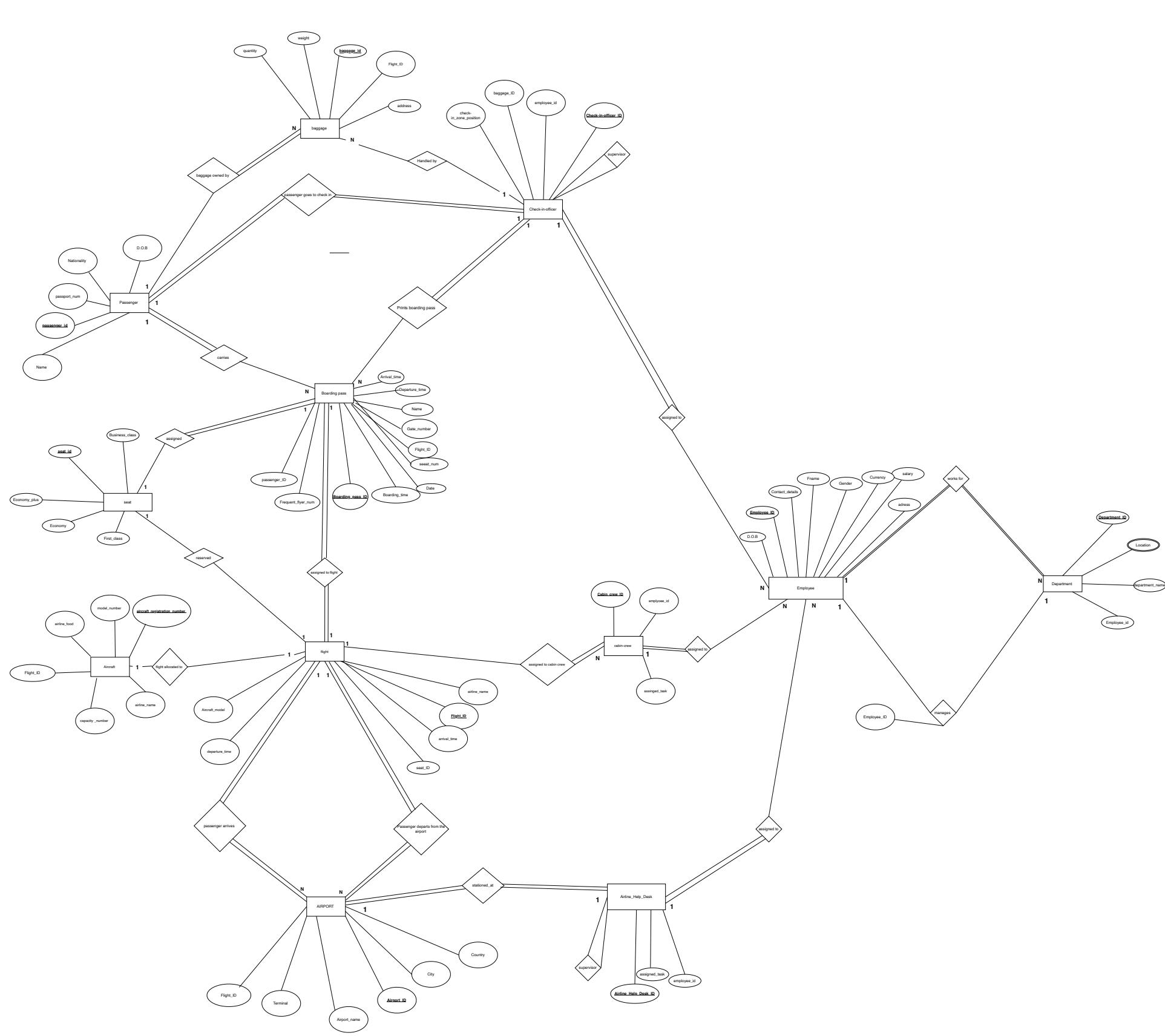
My business idea is to create an airline management system that acts as a backbone to our airline operations and aims to transport a passenger from one destination to another. For our Airline management system to be successful a wide area of network operations take place within the aviation industry to guarantee customer satisfaction and safe travels for our customers. Our operations include passenger, baggage handling, check-in officer handling boarding passes, flight schedule, aircraft cabin crew airline help desk and the airport where our airline is located, employee management and aircraft maintenance. This allows smooth travel with no disruption to the airline and customers and hassle-free travel for our customers.

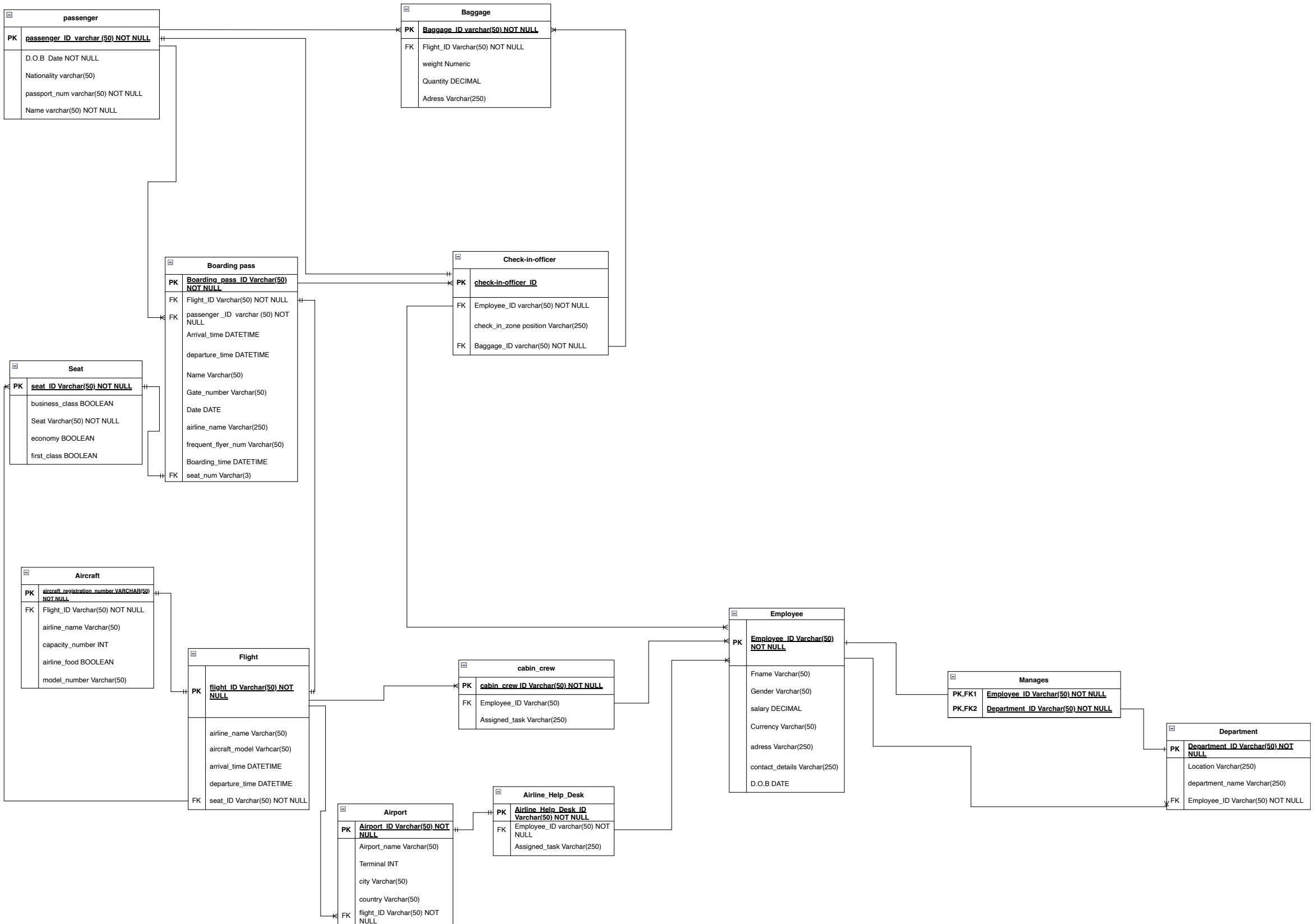
Our work objectives

My work objective is to add scalability and flexibility within my management system to expand my airline network size if there's any future changes such as most boarding passes can be viewed online and baggage can be handled by customers instead of check-in officers we would need to modify our system for future references

Furthermore another work objective is incorporating security measures to protect customer data such as passport IDs addresses and employee information that could cause disruption to our airline business

Lastly optimizations making sure that our system runs smoothly and efficiently by reducing storage which enables us to retrieve files much faster within the database system





Reference: Week four Moodle powerpoint -ERD to relational mapping