Step 1: Find classes

A management of large international airport would like to implement a database system to store information about the employees and airplanes stationed and maintained at the airport. The relevant information is as follows.

Every airplane has a registration number, and each airplane is of a specific model. The airport accommodates a number of airplane models and each model is identified by a model number (e.g. Boeing 737-200) and has a capacity and weight. A registration number uniquely identifies each airplane.

The database should store information about two groups of employees: technicians and traffic controllers. All employees are described by a full name (first, middle, and last name), employee number, hire date, and salary. Employee number is unique for the employees.

Each technician is an expert in one or more plane model(s), and his/her expertise may overlap with that of other technicians.

Traffic controllers must have an annual medical examination. For each traffic controller, we must store the date and result of the most recent medical examinations. The results of medical examinations are either "satisfactory" or "not satisfactory".

Airplane	Model	Employee
Technician	Traffic controler	Medical examination
Test	Aviation authority	Recent medical examination

Step 2: Find associations

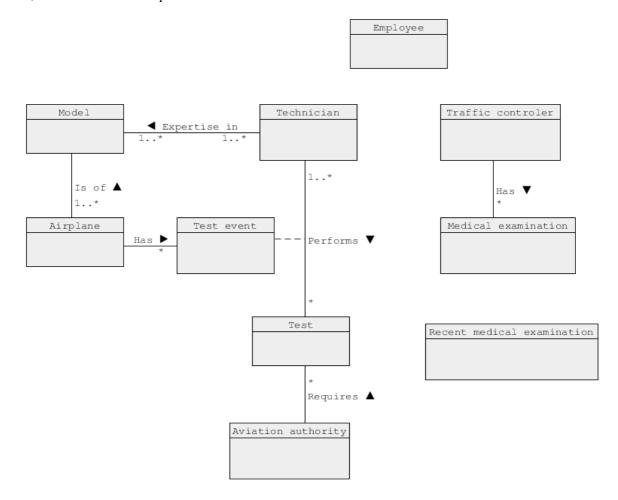
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Step 3: Find attributes

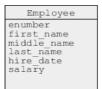
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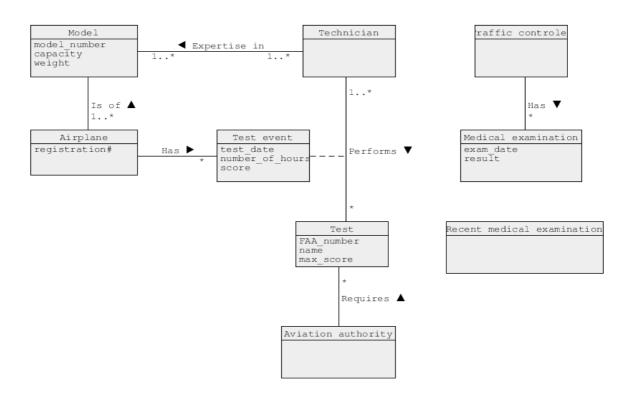
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Step 4: Find identifiers

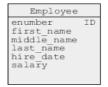
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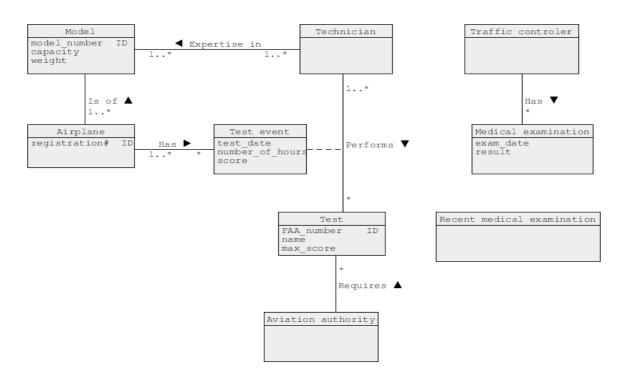
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Step 5: Find qualifications

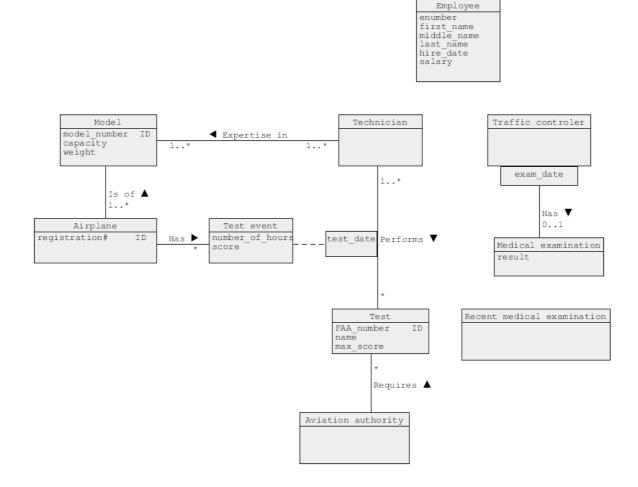
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Step 6: Find generalizations

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