Part II: Translate ER into relational models – Explanation

Each airplane is one specific model. It should be an integrity constraint, but I have designed it slightly differently. I have used model as a relation between the entities *Plane* and *Plane_model*. *Plane* is defined by its registration number, which I have determined to make it unique because there could possibly be more than one plane with the same model number. Each technician is an expert on one or more plane models, an integrity constraint shown between the relationships of Technician in Expert in my diagram from Part I.

As stated previously from Part 1, I have used the same design of not linking Technician with Test/Test_info because it was not stated in the assignment specifications. Test/Test_info could be done by technicians working at the airport or other employees who are working at the airport and not included in the ER diagram. If that's the case, there would be a link/relation between Technician and Test/Test_info. Otherwise, the link/relation was not included between the entities.

The primary keys and foreign keys embedded in the code of part2.sql.