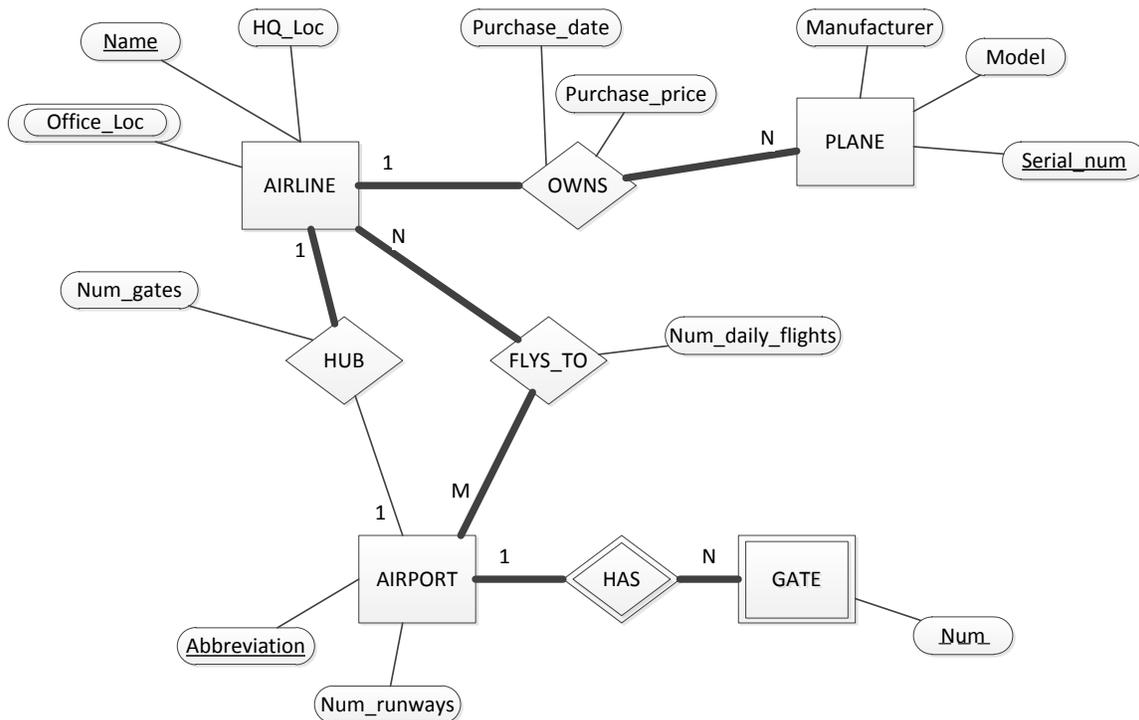


Objective: Gain experience mapping an ER diagram to relations

Problem: (written while on a 767 from ATL to SEA)

Map the following ER diagram to a set of relations. In the ER diagram, note that the thicker lines represent full participation. Format your solution using the notation shown in EN6, Figure 9.2 (p.287). Be sure clearly show the name of each relation, underline items in the primary key for each relation, and draw lines with arrows to indicate any foreign keys. You may use straight or curved lines with arrows (rather than the angled connectors in EN6 Figure 9.2) as long as the rest of your solution is readable (i.e., make sure I can read the relation and attribute names). PREPARE YOUR SOLUTION SO THAT IT FITS ON ONE PAGE.



Grading:

I will be looking for accuracy and completeness.

How to turn in your assignment:

Prepare your assignment using a word processor and/or drawing software. ALL assignments you submit should have your name, Onyen, homework number, and date at the top left of the first page.

Save your assignment into a SINGLE PDF file of no more than 1 page total.

Name your file according to the following convention:

youronyen-h3.pdf

Replace *youronyen* with your actual Onyen (e.g. my assignment would be *rcapra-h3.pdf*). The character between *youronyen* and the "h3.pdf" part should be a single minus sign (not an underscore). You could also call this character a dash. There should be no spaces or other characters in the filename. Files with names that do not follow this convention will not be graded.

Submit your file electronically through the Sakai by going to the Assignments area and finding the “H3” assignment. After you think you have submitted the assignment, I strongly recommend checking to be sure the file was uploaded correctly and that you can view it by clicking on it from within Sakai. If I cannot open or view your file, I cannot grade it.

If for some reason you need to re-submit your homework file, you must add a version number to your filename so that we will know which file is the most recent. Sakai is configured so that it will only accept 3 total submissions. Use the following file naming convention if you need to re-submit:

Your first submission: youronyen-h3.pdf
Your second submission: youronyen-h3-v2.pdf
Your third submission: youronyen-h3-v3.pdf

Sakai is also configured with a due date and an “accept until” date. Submissions received after the due date (even just 1 minute!) will receive a 10% penalty per day. The “accept until” date is 5 days after the due date. Submissions will not be accepted after the “accept until” date and will have a score of zero recorded.