

# Creating ERDs with draw.io

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Use the drawing tools provided by draw.io to recreate the ERD for the Human Resources (HR) database. All tables and fields must be shown, and the relationships between tables must be shown with the correct cardinalities. Try to determine which fields would be primary keys and foreign keys and indicate these as well.

Follow these steps to accomplish the above:

1. Create a new git repository to store your files for this project. You may want to upload this pdf and the two image files.
2. Create a new diagram at draw.io and store it in your git repository. Saving your file will cause a commit to the repository.
3. Use the tools under Entity Relation to reproduce the ERD for the HR database shown in the accompanying image file. Ignore the Order Entry database.
4. Include all tables and field names. Table names should be qualified with ***your*** first name. For example, ***my*** regions table would be called perry.regions.
5. Add lines to show the relationships between the entities as well their cardinalities.
6. Indicate which fields are primary keys and which are foreign keys. Use your best guesses. Note that the primary key fields are always shown at the top.
7. When you are done, export your ERD to a pdf file and submit it through LEA.