ER Diagram—HR Account

LOCATIONS

LOCATION_ID	NUMBER(4)	NN	<pk>
STREET_ADDRESS	VARCHAR2(40)		
POSTAL_CODE	VARCHAR2(12)		
CITY	VARCHAR2(30)	NN	
STATE_PROVINCE	VARCHAR2(25)		
COUNTRY_ID	VARCHAR2(2)		<fk>

have / are in

DEPARTMENTS

DEPARTMENT_ID	NUMBER(4)	NN	<pk>
DEPARTMENT_NAME	VARCHAR2(30)	NN	
MANAGER_ID	NUMBER(6)		<fk1>
LOCATION_ID	NUMBER((4)		<fk2>

apply to / belong to

JOB_HISTORY

EMPLOYEE_ID	NUMBER(6)	NN	<pk,fk2>
START_DATE	DATE	NN	<pk>
END_DATE	DATE	NN	
JOB_ID	VARCHAR2(10)	NN	<fk3>
DEPARTMENT_ID	NUMBER(4)		<fk1>

have

belongs to

have

managed by

manages

belongs to

COUNTRIES

COUNTRY_ID	VARCHAR2(2)	NN	<pk>
COUNTRY_NAME	VARCHAR2(40)		
REGION_ID	NUMBER(1)		<fk>

are in

EMPLOYEES

EMPLOYEE_ID	NUMBER(6)	NN	<pk>
FIRST_NAME	VARCHAR2(20)		
LAST_NAME	VARCHAR2(25)	NN	
EMAIL	VARCHAR2(25)	NN	
PHONE_NUMBER	VARCHAR2(20)		
HIRE_DATE	DATE	NN	
JOB_ID	VARCHAR2(10)	NN	<fk3>
SALARY	NUMBER(8,2)		
COMMISSION_PCT	NUMBER(2,2)		
MANAGER_ID	NUMBER(6)		<fk1>
DEPARTMENT_ID	NUMBER(4)		<fk2>

have / apply to

apply to

have

JOBS

JOB_ID	VARCHAR2(10)	NN	<pk>
JOB_TITLE	VARCHAR2(35)	NN	
MIN_SALARY	NUMBER(6)		
MAX_SALARY	NUMBER(6)		

have

REGIONS

REGION_ID	NUMBER(1)	NN	<pk>
REGION_NAME	VARCHAR2(25)		

managed by / manages

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