

```

classDiagram
    class JOB_HISTORY {
        # * START DATE
        * END DATE
    }
    class JOB {
        # * JOB ID
        * JOB TITLE
        o MIN SALARY
        o MAX SALARY
    }
    class DEPARTMENT {
        # * DEPARTMENT ID
        * DEPARTMENT NAME
    }
    class EMPLOYEE {
        # * EMPLOYEE ID
        o FIRST NAME
        * LAST NAME
        U * EMAIL
        o PHONE NUMBER
        * HIRE DATE
        o SALARY
        o COMMISSION PCT
        o BONUS
    }
    class LOCATION {
        # * LOCATION ID
        o STREET ADDRESS
        o POSTAL CODE
        * CITY
        o STATE PROVINCE
    }
    class COUNTRY {
        # * COUNTRY ID
        o COUNTRY NAME
    }
    class JOB_GRADE {
        o GRADE LEVEL
        o LOWEST SAL
        o HIGHEST SAL
    }
    class REGION {
        # * REGION ID
        o REGION NAME
    }

    JOB_HISTORY --> JOB : Record of
    JOB_HISTORY --> DEPARTMENT : Be listed in
    DEPARTMENT --> EMPLOYEE : Responsible for
    DEPARTMENT --> EMPLOYEE : Assigned to
    DEPARTMENT --> EMPLOYEE : Managed by
    DEPARTMENT --> LOCATION : Located at
    LOCATION --> COUNTRY : Situated in
    COUNTRY --> REGION : Consists of
    EMPLOYEE --> JOB : Held by
    EMPLOYEE --> EMPLOYEE : Managed by
    EMPLOYEE --> EMPLOYEE : The Manager of
    EMPLOYEE --> DEPARTMENT : Be recorded on
  
```

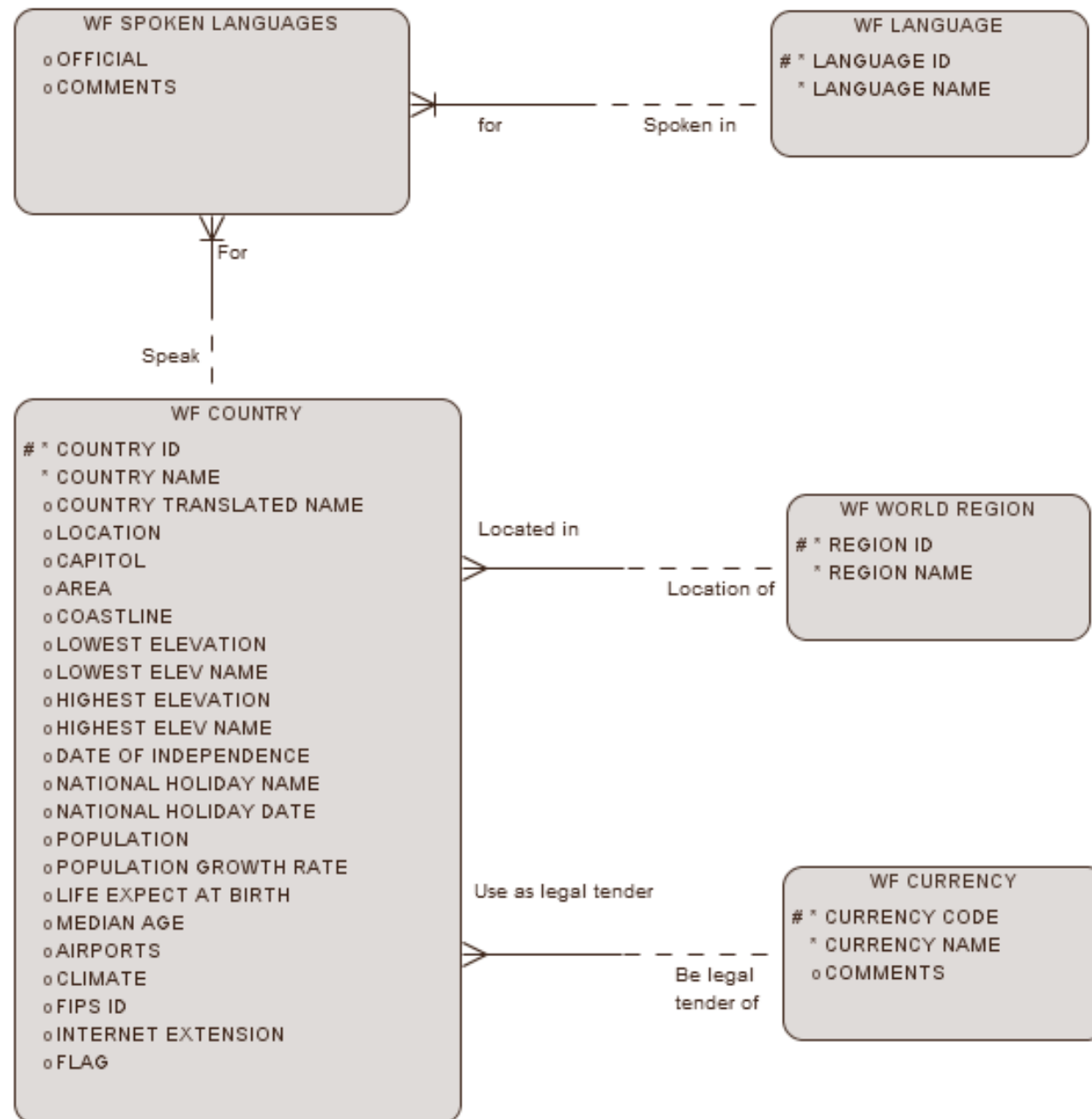
The diagram illustrates the relationships between various entities in the Oracle HR schema. The entities and their attributes are as follows:

- JOB\_HISTORY**: # \* START DATE, \* END DATE
- JOB**: # \* JOB ID, \* JOB TITLE, o MIN SALARY, o MAX SALARY
- DEPARTMENT**: # \* DEPARTMENT ID, \* DEPARTMENT NAME
- EMPLOYEE**: # \* EMPLOYEE ID, o FIRST NAME, \* LAST NAME, U \* EMAIL, o PHONE NUMBER, \* HIRE DATE, o SALARY, o COMMISSION PCT, o BONUS
- LOCATION**: # \* LOCATION ID, o STREET ADDRESS, o POSTAL CODE, \* CITY, o STATE PROVINCE
- COUNTRY**: # \* COUNTRY ID, o COUNTRY NAME
- JOB\_GRADE**: o GRADE LEVEL, o LOWEST SAL, o HIGHEST SAL
- REGION**: # \* REGION ID, o REGION NAME

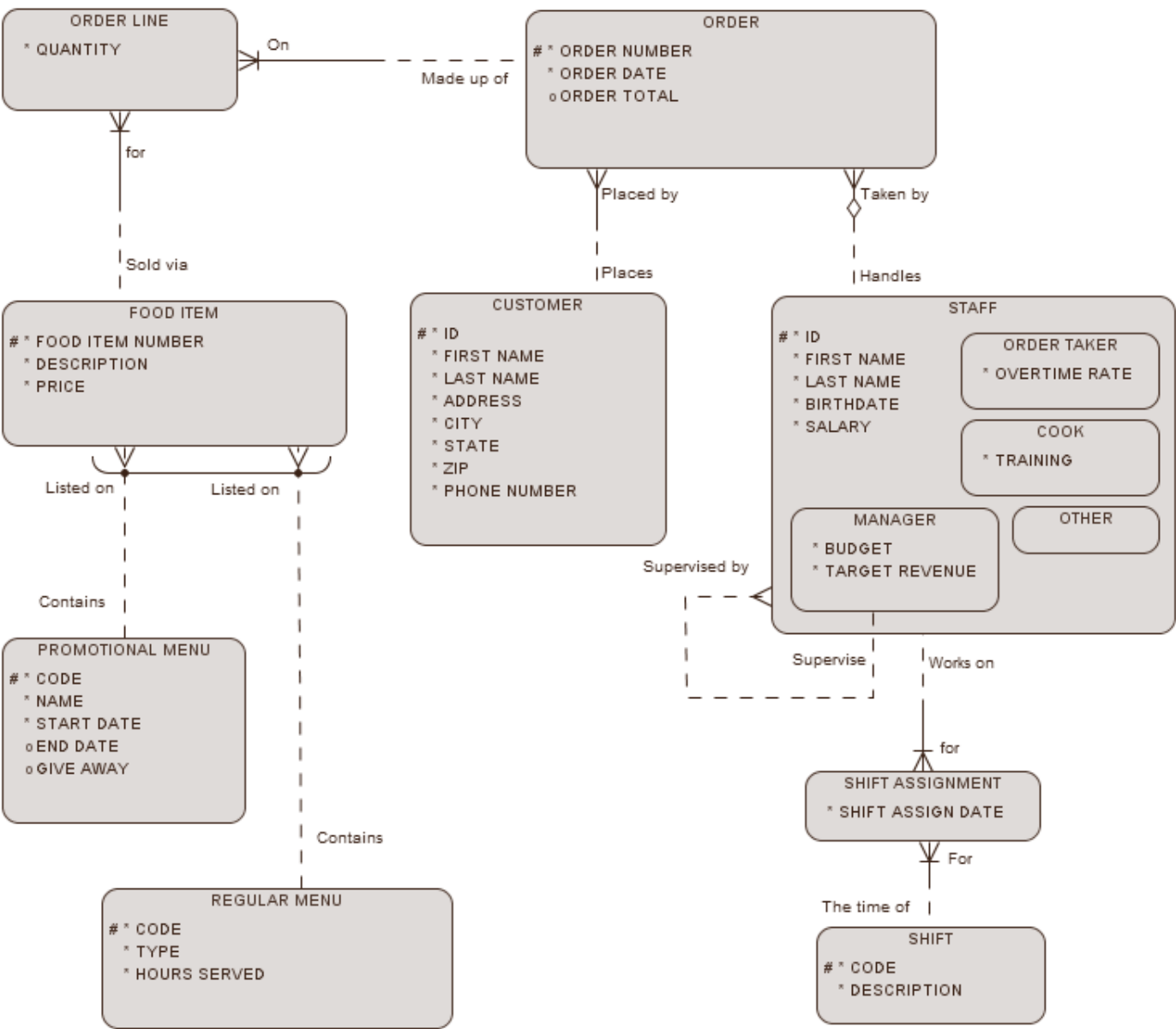
The relationships between these entities are defined by the following associations:

- JOB\_HISTORY** is a **Record of** **JOB**.
- JOB\_HISTORY** is **Be listed in** **DEPARTMENT**.
- DEPARTMENT** is **Responsible for** **EMPLOYEE**.
- DEPARTMENT** is **Assigned to** **EMPLOYEE**.
- DEPARTMENT** is **Managed by** **EMPLOYEE**.
- DEPARTMENT** is **Located at** **LOCATION**.
- LOCATION** is **Situated in** **COUNTRY**.
- COUNTRY** **Consists of** **REGION**.
- EMPLOYEE** is **Held by** **JOB**.
- EMPLOYEE** is **Managed by** **EMPLOYEE** (self-association).
- EMPLOYEE** is **The Manager of** **EMPLOYEE** (self-association).
- EMPLOYEE** is **Be recorded on** **DEPARTMENT**.

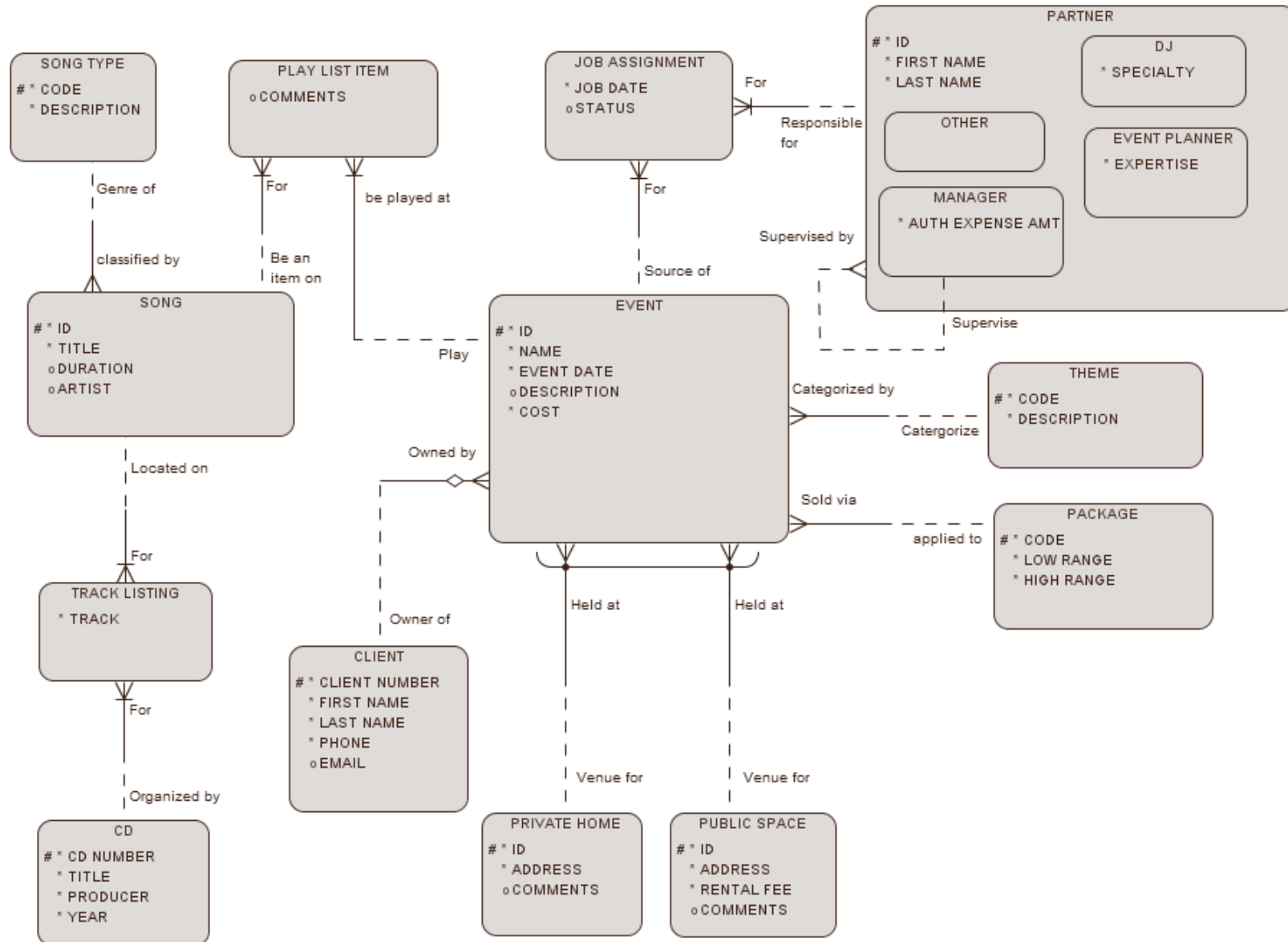
## wf\_countries ERD



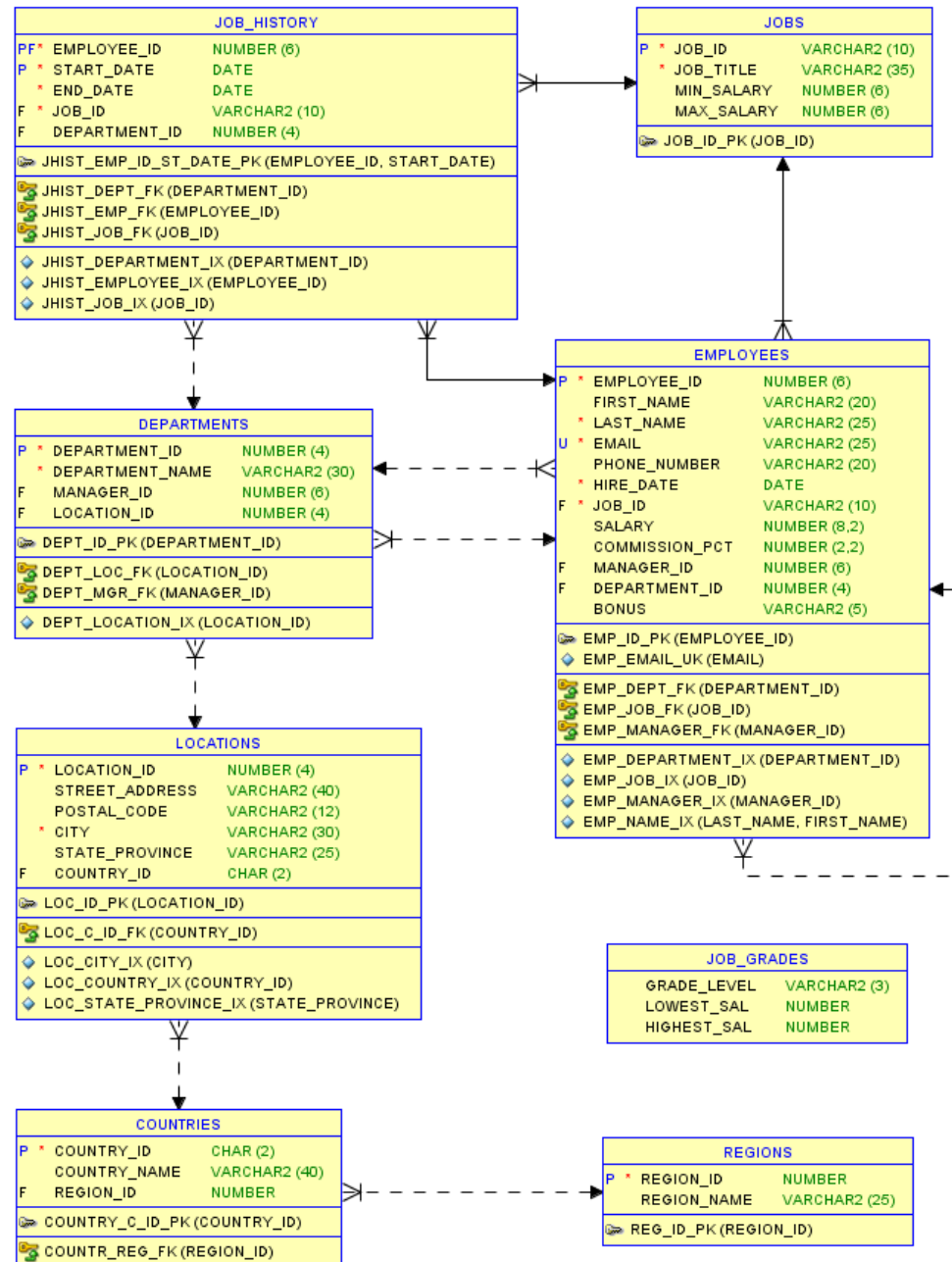
Global Fast Foods ERD



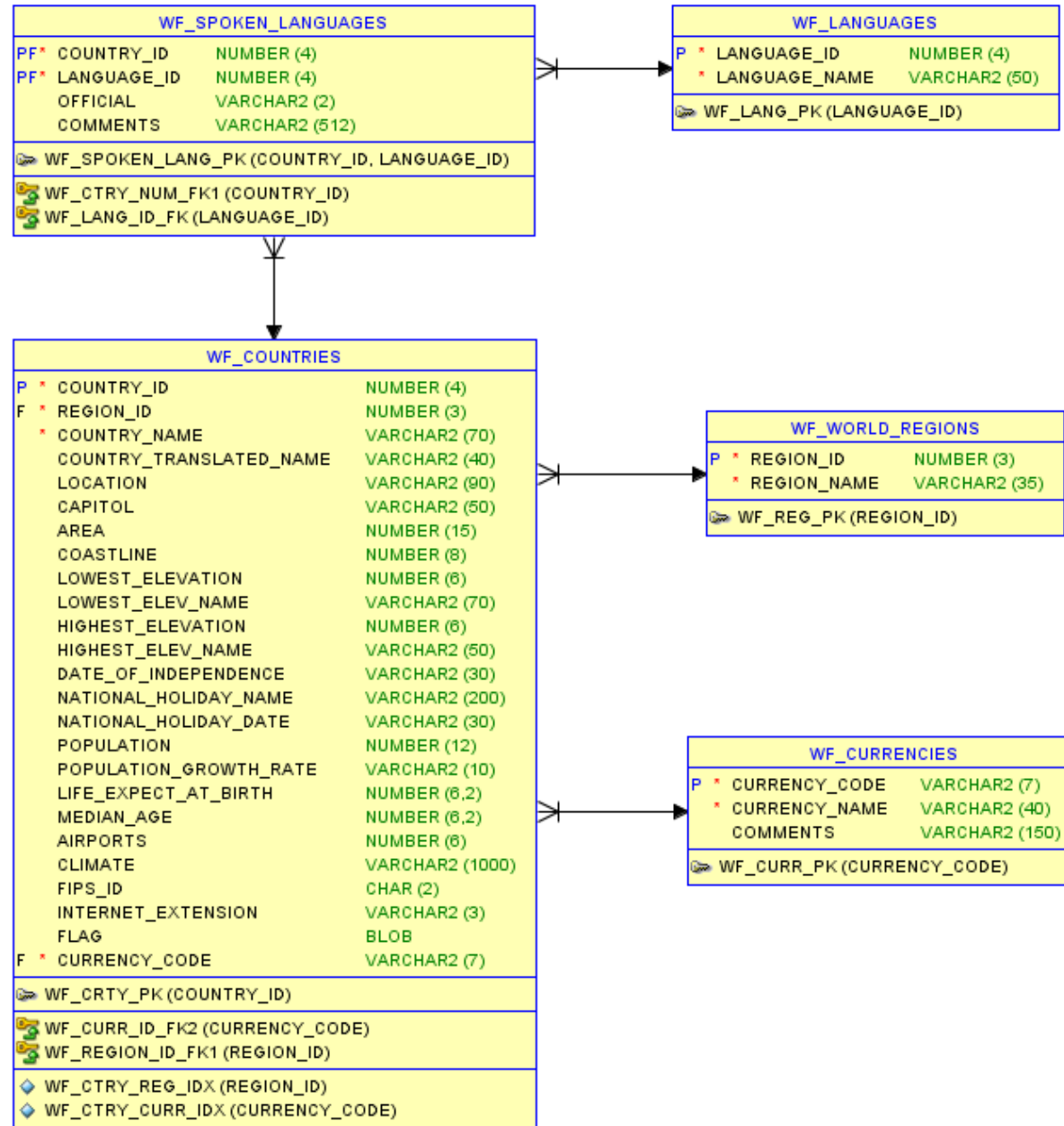
## DJs on Demand ERD



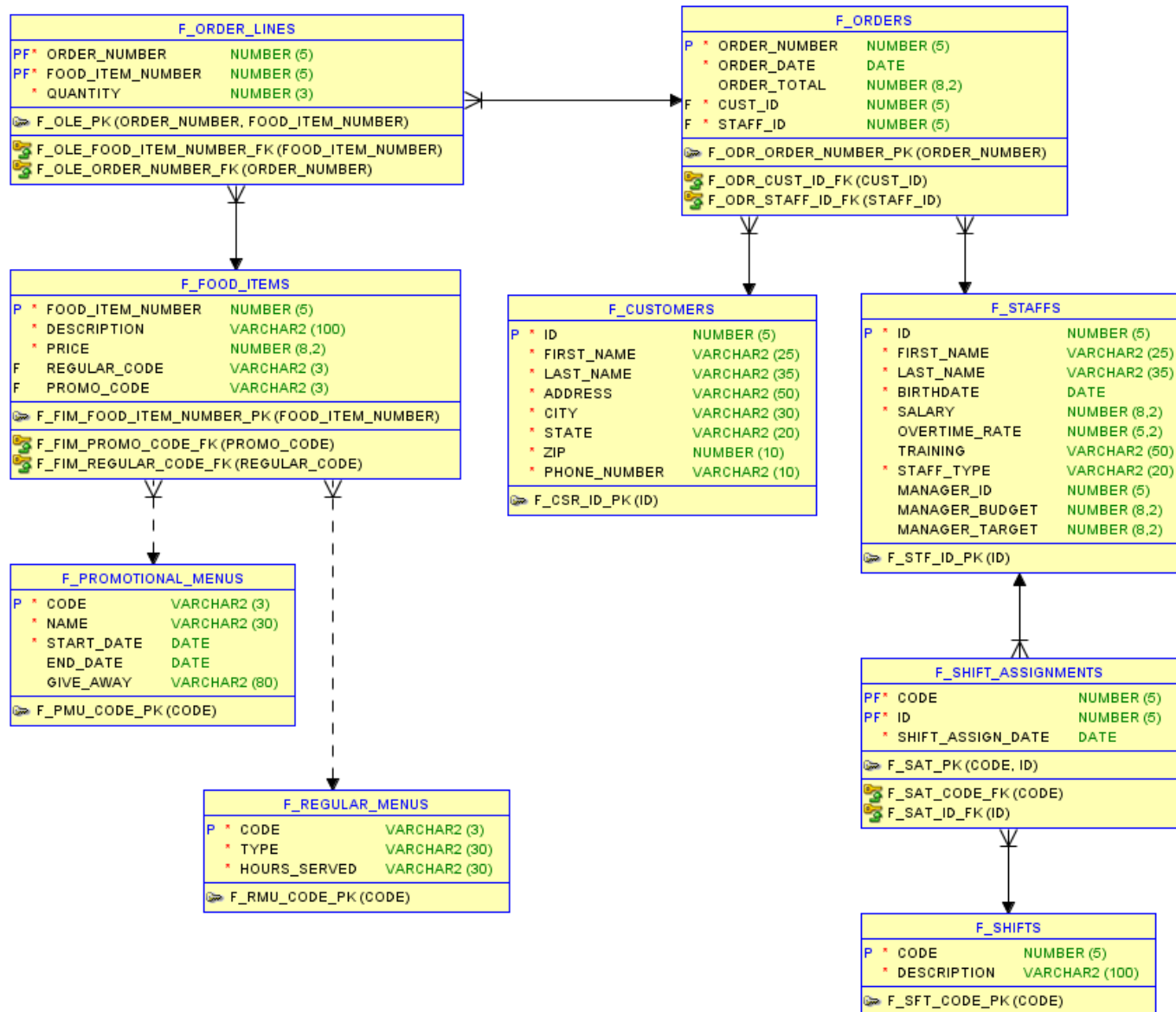
## employees/departments Table Design



## wf\_countries Table Design



## Global Fast Foods Table Design



## DJs on Demand Table Design

