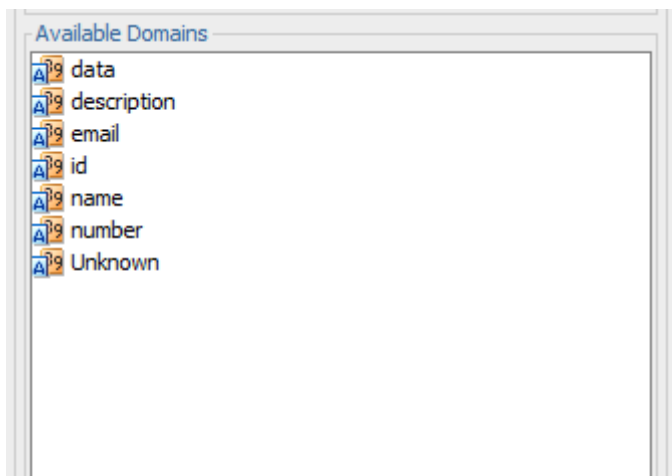


Przykładowa baza danych dla forum

DAMIAN KSIĄŻEK

Baza danych zamieszczona poniżej jest bazą danych reprezentującą przykładowe forum internetowe. Istnieje konto użytkownika, który może tworzyć kategorie, wątki, posty oraz odpowiedzi do nich.

Domeny w bazie danych:



data: datetime

description: varchar, size 255

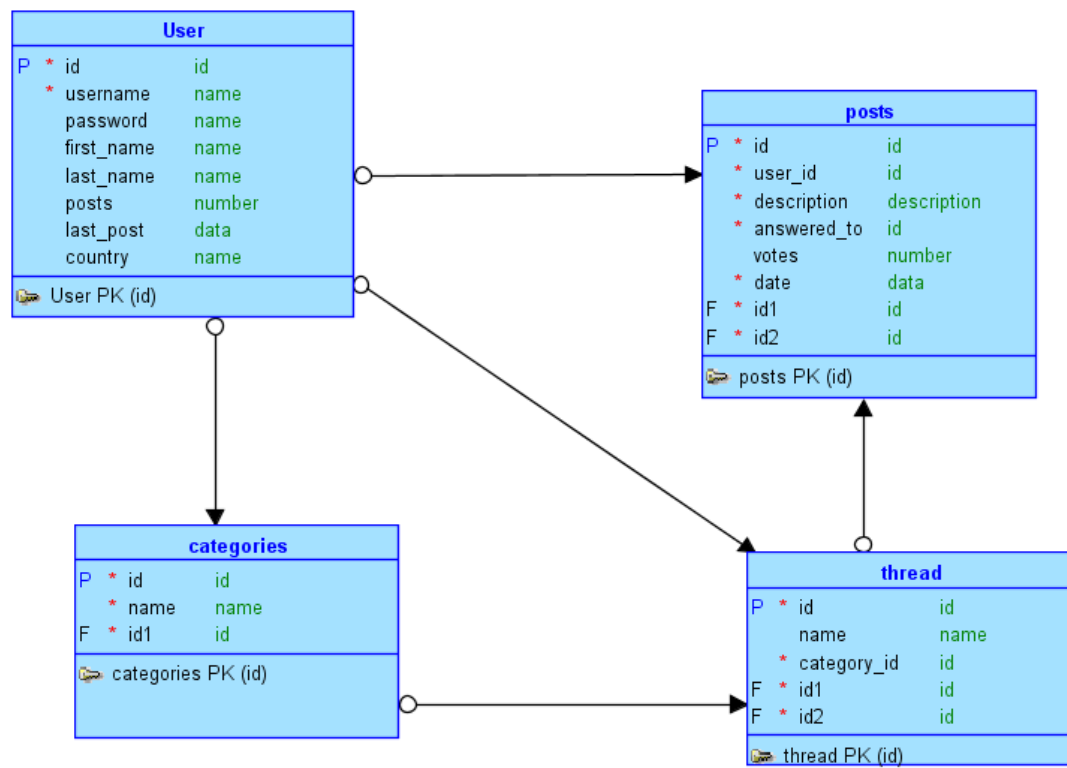
email: varchar, size 50

id: numeric, precision 7, scale 0

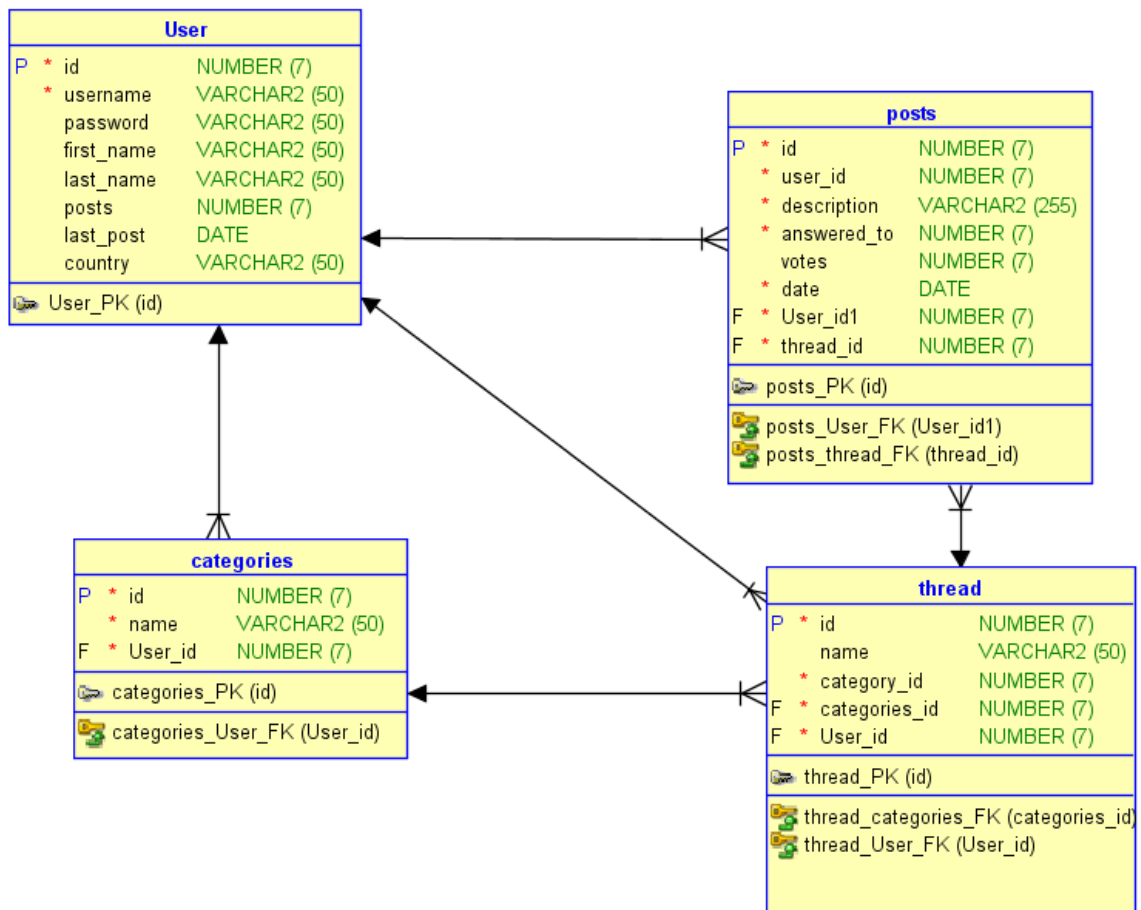
name: varchar 50

number: numeric

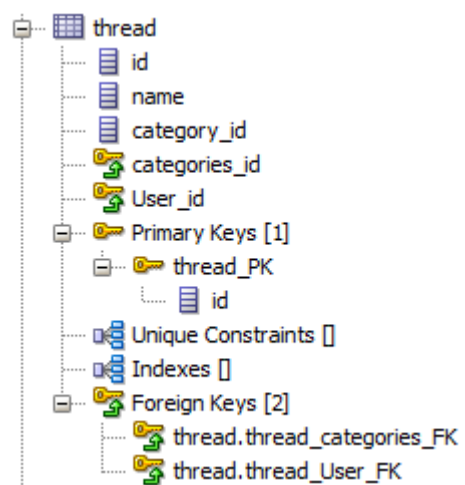
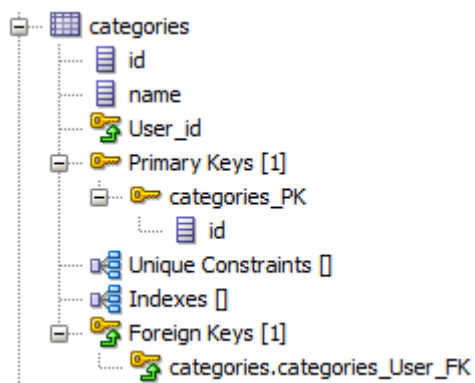
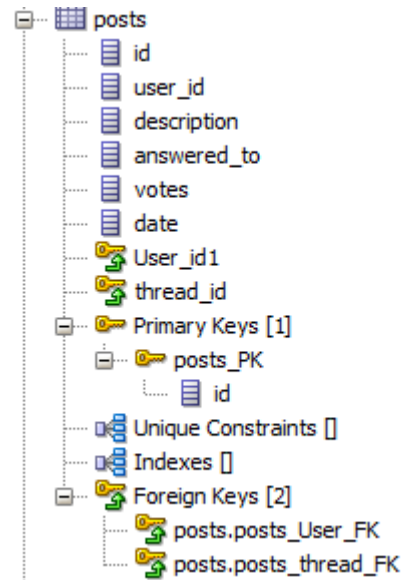
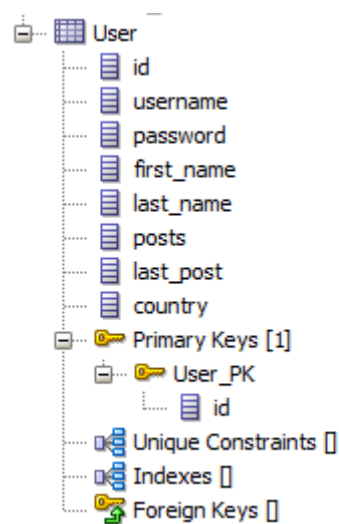
Tabele w bazie danych w modelu logicznym z utworzonymi związkami:



Tabele w bazie danych w modelu relacyjnym z utworzonymi związkami:



Model fizyczny:



Kod SQL:

```
-- Generated by Oracle SQL Developer Data Modeler 18.4.0.339.1536
--   at:          2019-05-22 00:29:14 CEST
--   site:        Oracle Database 11g
--   type:        Oracle Database 11g

CREATE TABLE Categories (
  Id          NUMBER(7) NOT NULL,
  Name        VARCHAR2(50) NOT NULL,
  User_Id     NUMBER(7) NOT NULL
)
LOGGING;

ALTER TABLE Categories ADD CONSTRAINT Categories_Pk PRIMARY KEY ( Id );

CREATE TABLE Posts (
  Id          NUMBER(7) NOT NULL,
  User_Id     NUMBER(7) NOT NULL,
  Description  VARCHAR2(255) NOT NULL,
  Answered_To NUMBER(7) NOT NULL,
  Votes       NUMBER(7),
  "date"      DATE NOT NULL,
  User_Id1    NUMBER(7) NOT NULL,
  Thread_Id   NUMBER(7) NOT NULL
)
LOGGING;

ALTER TABLE Posts ADD CONSTRAINT Posts_Pk PRIMARY KEY ( Id );

CREATE TABLE Thread (
  Id          NUMBER(7) NOT NULL,
  Name        VARCHAR2(50),
  Category_Id NUMBER(7) NOT NULL,
  Categories_Id NUMBER(7) NOT NULL,
  User_Id     NUMBER(7) NOT NULL
)
LOGGING;

ALTER TABLE Thread ADD CONSTRAINT Thread_Pk PRIMARY KEY ( Id );
```

```
CREATE TABLE "User" (  
    Id            NUMBER(7) NOT NULL,  
    Username      VARCHAR2(50) NOT NULL,  
    Password      VARCHAR2(50) NOT NULL,  
    First_Name    VARCHAR2(50),  
    Last_Name     VARCHAR2(50),  
    Posts         NUMBER(7),  
    Last_Post     DATE,  
    Country       VARCHAR2(50)  
)  
LOGGING;  
  
ALTER TABLE "User" ADD CONSTRAINT User_Pk PRIMARY KEY ( Id );  
  
ALTER TABLE Categories  
    ADD CONSTRAINT Categories_User_Fk FOREIGN KEY ( User_Id )  
        REFERENCES "User" ( Id )  
    NOT DEFERRABLE;  
  
ALTER TABLE Posts  
    ADD CONSTRAINT Posts_Thread_Fk FOREIGN KEY ( Thread_Id )  
        REFERENCES Thread ( Id )  
    NOT DEFERRABLE;  
  
ALTER TABLE Posts  
    ADD CONSTRAINT Posts_User_Fk FOREIGN KEY ( User_Id1 )  
        REFERENCES "User" ( Id )  
    NOT DEFERRABLE;  
  
ALTER TABLE Thread  
    ADD CONSTRAINT Thread_Categories_Fk FOREIGN KEY ( Categories_Id )  
        REFERENCES Categories ( Id )  
    NOT DEFERRABLE;  
  
ALTER TABLE Thread  
    ADD CONSTRAINT Thread_User_Fk FOREIGN KEY ( User_Id )  
        REFERENCES "User" ( Id )  
    NOT DEFERRABLE;
```