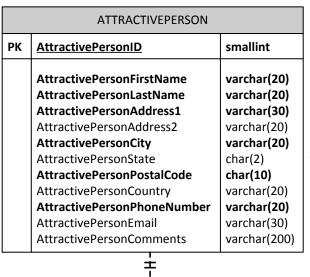
This ERD was created by KENNETH ADAIR Check out www.Cslearner.com



Little Timmy wants to track information about the ATTRACTIVE PEOPLE he's dating. For example having the address will allow him to pick ACTIVITIES near the ATTRACTIVE PERSON's hometown.

Little Timmy wants a database to track all of his hot dates. Little Timmy also wants the database to be versatile enough that he can create copies of the database to share with his friends. Little Timmy has a dating system and has identified that all his dates are successful when he has THREE THINGS: An ATTRACTIVE PERSON to date, a fun dating ACTIVITY, and a MEAL so he can small-talk with his hot date and get to know them.

The RomanticMeal table resolves a MANY TO MANY relationship. Each date involves both people getting combo meals, but each combo meal can be bought on multiple dates. This table resolves that MANY TO MANY relationship.

PΚ

FK2

FK3

ROMANTICMEAL

has / is of

smallint

smallint

smallint

RomanticMealID

HotDateID

ComboMealID

HOTDATE

PK HotDateID smallint

FK1 AttractivePersonID ActivityID HotDateDayOfOccasion HotDateComments

W

has / is of

The HOTDATE table tracks information about each specific date such as which person he took, the day the date happened, the activity they chose, and the meal they ate.

Additionally the HOTDATE table resolves the MANY TO MANY relationship between ATTRACTIVE PEOPLE and ACTIVITIES. Each ACTIVITY can be used muliple times BUT each ATTRACTIVE PERSON can go on multiple dates as well.

Little Timmy is poor so he mostly uses fast food restaurants with combo meals with a MAIN ITEM, a SIDE ITEM, and a DRINK.

+			
COMBOMEAL			
PK <u>Cc</u>	omboMealID	smallint	
Co Co Co Co	estaurantID omboMealName omboMealMainItem omboMealSideItem omboMealDrink omboMealCost omboMealComments	smallint varchar(20) varchar(20) varchar(20) varchar(20) smallmoney varchar(200)	

has / is of

ACTIVITY PΚ ActivityID smallint **ActivityName** varchar(100) ActivityDescription varchar(200) ActivityAddress1 varchar(30) ActivityAddress2 varchar(30) ActivityCity varchar(20) ActivityState char(2) ActivityPostalCode char(10) ActivityCountry varchar(20) ActivityPhone varchar(20) ActivityEmail varchar(30) ActivityCost smallmoney

Little Timmy wants a table with a bunch of ideas for activities for his dates. He wants the addresses of the activities so he can punch it into his GPS.

Little Timmy uses a GPS so he mainly needs the restaurant's name and address so he can find it on hot dates.

RESTAURANT			
PK	RestaurantID	smallint	
	RestaurantName RestaurantAddress1 RestaurantAddress2 RestaurantCity RestaurantState RestaurantPostalCode	varchar(200) varchar(30) varchar(30) varchar(20) char(2) char(10)	
	RestaurantCountry	varchar(20)	

varchar(20)

varchar(200)

RestaurantPhone

RestaurantComments