This ERD was created by KENNETH ADAIR
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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.

ATTRACTIVEPERSON		
PK	**AttractivePersonID**	**smallint**
	AttractivePersonFirstName	**varchar(20)**
	AttractivePersonLastName	**varchar(20)**
	AttractivePersonPhoneNumber	**varchar(20)**
	AttractivePersonAddress1	**varchar(30)**
	AttractivePersonAddress2	varchar(20)
	AttractivePersonCity	**varchar(20)**
	AttractivePersonState	char(2)
	AttractivePersonPostalCode	**char(10)**
	AttractivePersonCountry	varchar(20)
	AttractivePersonPhone	**varchar(20)**
	AttractivePersonEmail	varchar(30)
	AttractivePersonComments	varchar(200)

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.

has / is of

HOTDATE		
PK	**HotDateID**	**smallint**
	HotDateDayOfOccasion	**smalldatetime**
	HotDateComments	varchar(200)
FK1	AttractivePersonID	smallint
FK2	ActivityID	smallint

has / is of

ROMANTICMEAL		
PK	**RomanticMealID**	**smallint**
FK2	HotDateID	smallint
FK3	ComboMealID	smallint

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.

has / is of

MEAL		
PK	**ComboMealID**	**smallint**
	ComboMealName	**varchar(20)**
	ComboMealMainItem	**varchar(20)**
	ComboMealSideItem	varchar(20)
	ComboMealDrink	varchar(20)
	ComboMealComments	varchar(200)
FK1	**RestaurantID**	**smallint**
	ComboMealCost	**smallmoney**

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

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.

has / is of

ACTIVITY		
PK	**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.

has / is of

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

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