

SUPRAS (ver 3.0)

This is the Person table from TRAMS

Person		
PK	<u>PersonID</u>	int
	PersonFirst	varchar(50)
	PersonLast	varchar(50)
	PersonAddress	varchar(200)
	PersonCity	varchar(5)
	PersonState	char(2)
	PersonPostalCode	varchar(10)
	PersonCountry	varchar(20)
	PersonPhone	varchar(20)
	PersonEmail	varchar(200)

We check a customer has an active reservation in the TRAMS database by linking the PersonID to the reservation table and checking for ResStatus = A

PersonID has active reservation, enforced by trigger

ReviewRating can only be numbered 1 through 5 or NULL, enforced by trigger

Review		
PK,FK1	<u>ReviewID</u>	int
	ReviewText	varchar(max)
	ReviewRating	tinyint
	ValetID	int
FK1	Flag	char(1)

ValetReview			
PK,FK1,FK2	<u>ValetID</u>	int	int
PK	<u>ReviewID</u>	int	int

SpotNo must not be already occupied, enforced by trigger

Specific cars get upgraded CarCare, enforced by trigger

CarDetail		
PK	<u>CarID</u>	int
	CarMake	varchar(15)
	CarModel	varchar(15)
	IsMotorcycle	char(1)

Valet			
PK,FK3	<u>ValetID</u>	int	int
PK,FK4	<u>PersonID</u>	int	int
FK2	CCPackageID	tinyint	tinyint
FK1	LotID	tinyint	smallint
	SpotNo	smallint	smalldatetime
	ValetTimeIn	smalldatetime	tinyint
	ValetTimeOut	smalldatetime	char(1)
	ValetDays	char(1)	int
	ValetDiscountCode		
	CarID		

has

Lot		
PK	<u>LotID</u>	tinyint
	LotName	varchar(20)
	LotCapacity	tinyint
	LotPrice	smallmoney
	PropertyID	smallint
	LotType	char(1)

LotID 4 and ValetDays >= 3 gets upgraded CarCare, enforced by trigger

Valid LotType:  
M – Motorcycle  
A – Any Vehicle

Cars cannot be put into motorcycle lots, enforced by trigger

LotAmenity		
PK,FK1	<u>LotID</u>	tinyint
PK,FK2	<u>LotAmenityDetailID</u>	tinyint

consists of

LotAmenityDetail		
PK,FK1	<u>LotAmenityDetailID</u>	tinyint
	LotAmenityDetailDescription	varchar(30)

Valid Flag:  
L- look into  
V- taken care of  
X- not applicable

If ReviewRating = 1, then Flag is set to L, enforced by trigger

If ValetTimeIn or ValetTimeOut is in peak hours, convenience fee is applied, enforced by trigger

Valid ValetDiscountCode:  
M – Military  
J – JDM  
F – Family/Friends

If CCPackageID INSERTED is NULL, change to 5 for no CCPackageID, enforced by trigger

CarCarePackage		
PK	<u>CCPackageID</u>	tinyint identity
	Price	smallmoney
	CCPackageName	varchar(50)
FK1	PersonID	int

has

CCPackageAmenity		
PK,FK2	<u>CCPackageID</u>	tinyint
PK,FK3	<u>CCAmenityID</u>	tinyint
FK1	PersonID	int

consists of

CCAmenity		
PK,FK1	<u>CCAmenityID</u>	tinyint
	CCAmenityDescription	varchar(100)