Reserve-E

User

Constraint	Type	Field
Primary Key, Auto-Increment	PK/int	ID
Not Null	varchar	name
Not Null	varchar	lastname
unique, not null	varchar	e-mail
not null	varchar	password
default=false	bool	admin
not null	varchar	fahrzeug
default=true	bool	login_bonus
default=0	int	points

Charging_Stations

Type	Field	Constraint
PK/int	ID	Primary Key, Auto-Increment
varchar	name	Not Null
varchar	address	Not Null

Reservations

Type	Field	Constraint
PK/int	ID	Primary Key, Auto-Increment
int	user_ID	Foreign Key, Not Null
int	charging_station_ID	Foreign Key, not null
datetime	date_of_reservation	

Quest

Type	Field	Constraint
PK/int	ID	Primary Key, Auto-Increment
varchar	name	Not Null
varchar	description	Not Null
int	conditions	not null

Quest_per_User

Type	Field	Constraint
int	quest_ID	Foreign Key, Not Null
int	user_ID	Foreign Key, Not Null
int	counter_for_fulfillment	not null

Badges

Type	Field	Constraint
PK/int	ID	Primary Key, Auto-Increment
varchar	name	Not Null
int	number_of_use	Not Null

Badges_per_User

Type	Field	Constraint
int	badge_ID	Foreign Key, Not Null
int	user_ID	Foreign Key, Not Null
int	counter_for_fulfillment	not null

Coupons

Type	Field	Constraint
PK/int	ID	Primary Key, Auto-Increment
varchar	description	Not Null
varchar	name	Not Null
int	points_required	not null

Coupons_per_User

Type	Field	Constraint
int	coupon_ID	Foreign Key, Not Null
int	user_ID	Foreign Key, Not Null
bool	used	not null, default=false