EcoRide

SQL
Physical Data
Model

user_role

PK	id	INT AUTO_INCREMENT
PK, FK1	user_id	INT NOT NULL
PK, FK2	role_id	INT NOT NULL

role

PK	id	INT AUTO_INCREMENT
UNIQ	label	VARCHAR(50) NOT NULL

color

PK	id	INT AUTO_INCREMENT
UNIQ	label	VARCHAR(50) NOT NULL

user

PK	id	INT AUTO_INCREMENT
UNIQ	pseudo	VARCHAR(30) NOT NULL
UNIQ	email	VARCHAR(100) NOT NULL
	password	VARCHAR(60) NOT NULL
	createdAt	DATETIME(0) NOT NULL
	updatedAt	DATETIME(0) NULLABLE
	active	BOOL NOT NULL
	firstName	VARCHAR(50) NULLABLE
	lastName	VARCHAR(50) NULLABLE
	address	VARCHAR(255) NULLABLE
	phoneNumber	VARCHAR(17) NULLABLE
	photoFileName	VARCHAR(255) NULLABLE
	dateOfBirth	DATE NULLABLE
	petsAllowed	BOOL NULLABLE
	smokersAllowed	BOOL NULLABLE
	sumOfRatings	MEDIUMINT NULLABLE
	numberOfRatings	MEDIUMINT NULLABLE

preference

PK	id	INT AUTO_INCREMENT
	label	VARCHAR(50) NOT NULL
FK1	user_id	INT NOT NULL

engineType

PK	id	INT AUTO_INCREMENT
UNIQ	label	VARCHAR(50) NOT NULL

brand

PK	id	INT AUTO_INCREMENT
UNIQ	label	VARCHAR(50) NOT NULL

The complete and up-to-date lists
of attributes are available in the
class diagrams.

car

PK	id	INT AUTO_INCREMENT
UNIQ	licensePlate	VARCHAR(10) NOT NULL
	dateOfFirstRegistration	DATE NOT NULL
	model	VARCHAR(50) NOT NULL
FK1	user_id	INT NOT NULL
FK2	brand_id	INT NOT NULL
FK3	engine_type_id	INT NOT NULL
FK4	color_id	INT NOT NULL