CSCE 4523: Database Management Systems
Fall 2020

Database Schema for Class Assignments

vehicles

id	int	primary key
vin	int	unique, not null
lic_no	char(10)	unique, not null
make	char(2)	values restricted to {'F', 'D', 'H', 'T' }
model	char(10)	
year	integer	2015 ≤ values ≤ 2020
color	char (8)	
cost	decimal (6,2)	

Note: 'F', 'D', 'H', 'T' for Make attribute represent Ford, Dodge, Honda, and Toyota respectively. Cost represents per day rental cost.

customers

c_id	int	primary key
name	char(10)	not null
phone	char(9)	
email	char(15)	

rentals

c_id	int	foreign key, references c_id of customers
v_id	int	foreign key, references id of vehicles
ck_out_date	date	not null
miles_out	int	
ret_date	date	
miles_in	int	
	c_id and v_id together form the primary key	