

Midterm Prep 2 Oct 31st 8:30pm
Time: 75 minutes

Question 1

Use the following db schema:

Customers(cid:int, name:string, city: string, state:string, age:real)

Visit(cid:int, mid:int, visitday:date)

Museums(mid:int, mname:string, mcity:string, mstate:string, mtype:string)

A customer is identified by the sid. A customer also has a name, a city a state and an age. A museum is identified by mid. A museum also has a name (attr.mname), a city (attr. mcity). A state(attr.mstate) and a type (attr.mtype; e.f.: history).

Customers visit museums. When a customer visits a museum a record is inserted into the Visit relation, with the cid of that customer, the mid fo that museum and the day of visit (attr. visitday).