

Fitchburg State University
CSC7500 Database Design
Homework 2.2

1. For the following situation, create an enhanced ER diagram:

An on-line music company would like to develop a database of all individuals who use its website. Each PERSON can be either a MEMBER or a VISITOR, but not both at the same time. Also, there are other individuals who may visit the website. The company would like to track the following for each person:

- Location
- IP address

The following information needs to be stored for visitors:

- Name
- Music interests

The following information needs to be stored for members:

- Name
- Address
- City
- State
- Zipcode
- Userid
- Music interests

In addition, members have an ACCOUNT and members place ORDERS for music.

Please state any assumptions that you make.