CSCI 466 Assignment 3 (Spring 2021)

ER Diagram to Third Normal Form (100 pts)

Introduction

For this assignment, you will be converting the following ER diagram, which models the operational data for a department store, to a set of relations that conform to Third Normal Form (3NF). Use the steps from the slides that we went over in class. Make sure to indicate the primary keys by underlining them. Include a list of which attributes are foreign keys, with the home relation of each foreign key indicated.
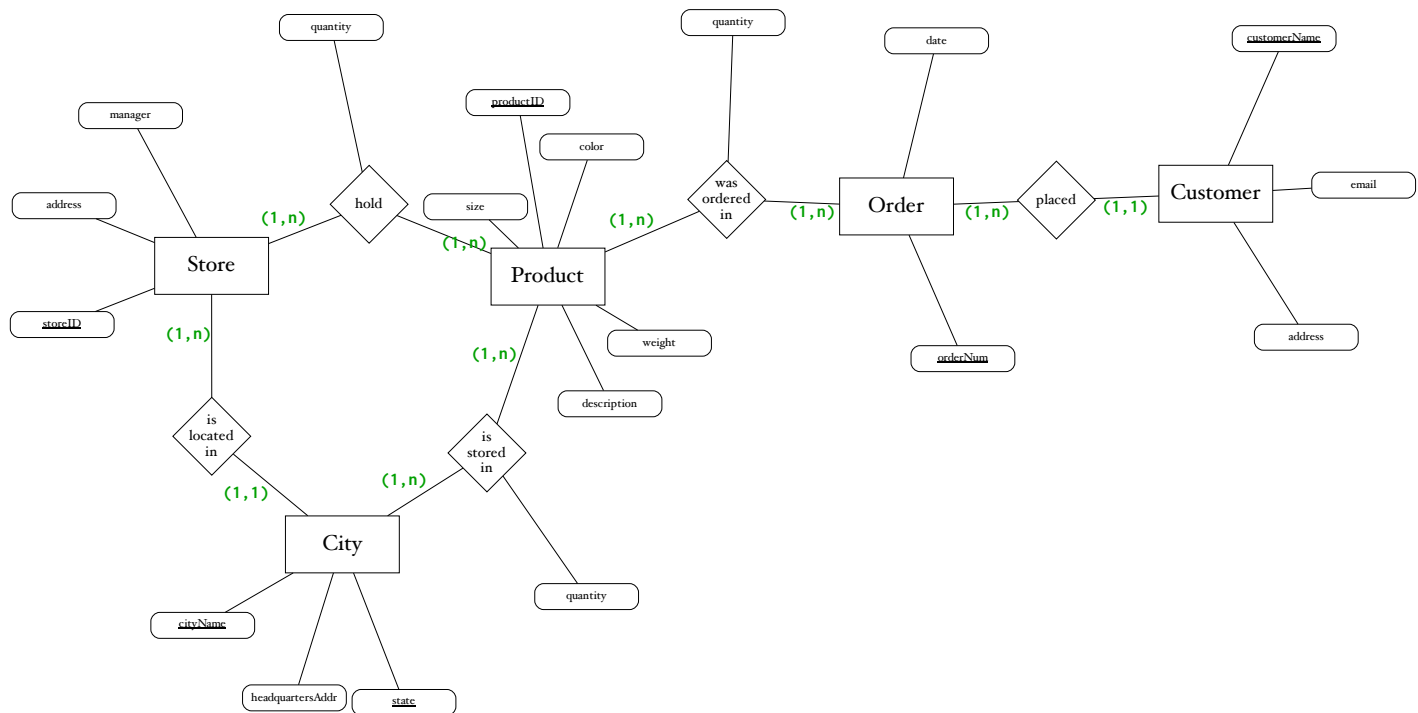
ER Diagram

Figure 1: This is the ER diagram. There may be some things that may seem weird. These may be errors that were missed during the design phase, or they could be intentional. The purpose of *this* assignment is to convert it, not to revise it.

What to turn in?

Submit a PDF file through Blackboard containing the relational schema for the database, including the information required above.