



Table Creation and Data Manipulation Project



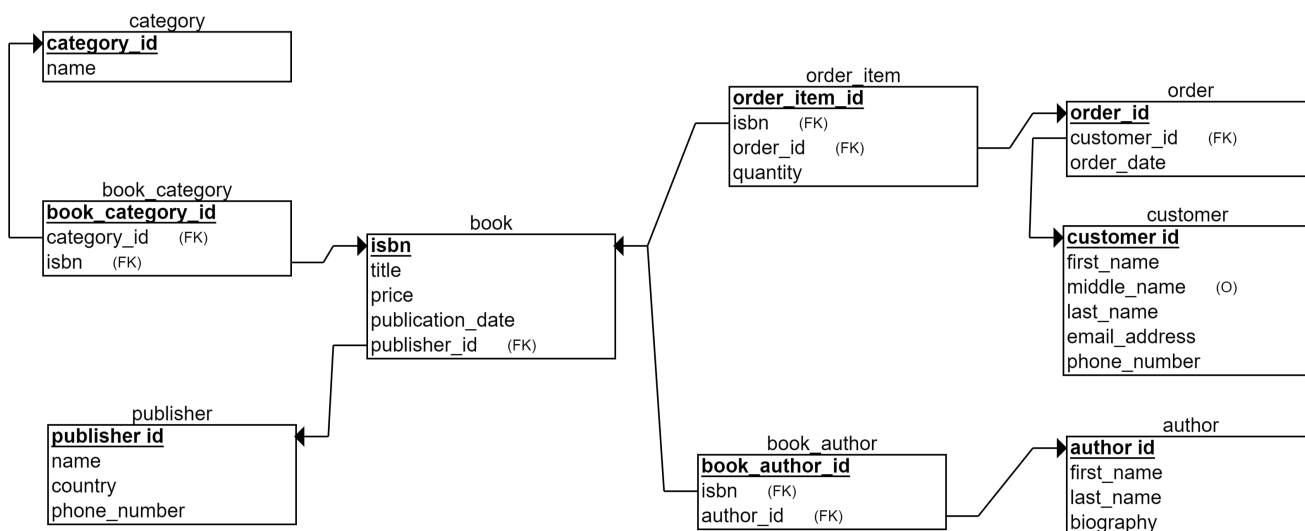
Instructions

You will write a SQL script transforming the diagram below into a properly implemented database in Oracle.

Pre-requisite:

You must be able to log in to Oracle.

Requirements:



Your Tasks:

1. Write all DDL required to represent the tables and relationships documented in the diagram. For full credit, you must make appropriate use of:
 - Primary keys
 - Foreign keys
 - NOT NULL constraints

- Data Types
 - IDENTITY
2. Demonstrate your ability to write DML by executing the following sub-tasks in order:
 1. Add the following books, using whatever DML necessary:
 1. "Dune" is written by Frank Herbert. It was published August 1, 1965 by Chilton Books. Chilton Books operated in the United States and could have been reached at (333) 444-5555. The ISBN for Dune is 978-0441172719. It is available for \$9.99. It should be categorized under science fiction.
 2. "Introduction to Algorithms" is algorithms textbook that was written by Thomas Cormen, Charles Leiserson, Ronald Rivest, Clifford Stein, and Paul Atreides. It was originally published January 17, 1989. It is published by MIT Press, who can be reached at (222)-333-4444. It is available for \$98.99. It should be categorized under computer science and technology. The ISBN is 978-0262033848.
 2. Update "Introduction to Algorithms" so that the price is now \$69.98.
 3. In a comment within your script, explain what will happen if you try to delete "Introduction to Algorithms".
 4. We were incorrect, Paul Atreides did not author "Introduction to Algorithms". Please remove him from the database completely using DELETE statement(s).

Submitting your work:

1. All work must be submitted via a single SQL script. The file name should be in the format "CSCI311-Project2-last_name-first-name.sql" where last_name and first_name are your actual names.
2. Your script should run without error from beginning to end and produce the desired table structures and configure the data appropriately.

3. Upload your script to this assignment in Brightspace.

Grading:

Criteria	Points
Adheres to submission instructions and template	10
Correct DDL	40
Correct DML	40
Answer to question in task 2.3	10
TOTAL	100

IMPORTANT ADVICE:

- Work to format your code nicely. Code which is poorly formatted may run, but is definitely harder to read and graders may not be able to identify all of your hard work.
- Upload your submission before the due date. You don't want to miss points due to an issue with Oracle.

Submissions

CSCI311-Project2-Ali-Raja.... (6.43 KB)

Sep 29, 2024 4:55 PM

Drop files here, or click below!









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You can upload files up to a maximum of 2.86 GB.

Comments

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Activity Details

Well done! You have completed the assignment

 Due September 30 at 11:59 PM

Assessment

100 / 100
100 %

Last Visited Oct 20, 2024 12:08 AM