Assignment 3 (Pre-planning)

1. Do you intend to use a mocking tool (Mockaroo, etc.) to generate your data, or write your own code? If the latter, what language do you intend to use?

I intend to use the mocking tool to generate my data, because it is easy to use.

1. List the ordering of tables that you will use when generating data, to conform to any foreign key dependencies you have (this is usually the same as the order that you created the tables in your previous assignment):

companies

hotels

rooms and staffs

customers

bills

1. For which table will you create tens of thousands of records? Are there any special considerations you will need to make when doing so?

I will create tens of thousands of records in my customers and bills tables, because there are many people live in the hotel and product a lot of bills. I will not record the spaces in the customers’ name.

1. What format will you use for your data (CSV, SQL, other?) ?

SQL

1. What command(s) will you use to load the data into your database?

**Source I used:**

cheng@cheng-VirtualBox:~$ sudo mysql -u root -p boatshop < /home/cheng/Desktop/boatshop\_db\_dump\_2.sql

**Load data in file I used:**

cheng@cheng-VirtualBox:~$ sudo mysql -u root -p boatshop < /home/cheng/Desktop/boatshop\_mock\_data.sql

图片包含 屏幕截图

描述已自动生成

6. To show that you can successfully use your intended loading command:

mysql> show tables

-> ;

+--------------------+

| Tables\_in\_boatshop |

+--------------------+

| boats |

| reservations |

| sailors |

+--------------------+

3 rows in set (0.00 sec)

mysql> select \* from sailors;

+-----+--------------------+--------+------+-----------+

| sid | name | rating | age | yrssailed |

+-----+--------------------+--------+------+-----------+

| 1 | Belva Skirvin | 42 | 24 | 3 |

| 2 | Kippar Bosence | 55 | 22 | 3 |

| 3 | Fergus Kops | 79 | 25 | 1 |

| 4 | Jacky Beggan | 42 | 31 | 5 |

| 5 | Padgett Leicester | 15 | 22 | 1 |

| 6 | Jacky Beggan | 20 | 25 | 4 |

| 7 | Welby Fontaine | 70 | 24 | 1 |

| 8 | Lucky Garretson | 74 | 27 | 5 |

| 9 | Chryste Weeks | 12 | 25 | 2 |

| 10 | Black Beard | 41 | 40 | 15 |

| 11 | Kiele Cannicott | 41 | 67 | 26 |

| 12 | Dinah Sheron | 100 | 42 | 4 |

| 13 | Tye Vannuccinii | 15 | 21 | 29 |

| 14 | Brandtr Duhig | 72 | 65 | 8 |

| 15 | Susanne Radcliffe | 58 | 56 | 21 |

| 16 | Wainwright Goullee | 50 | 29 | 45 |

| 17 | Alecia Sprosson | 70 | 49 | 22 |

| 18 | Miner Jauncey | 57 | 44 | 40 |

| 19 | Glenna Bes | 15 | 43 | 33 |

| 20 | Valerye Dorkens | 11 | 54 | 60 |

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20 rows in set (0.00 sec)

mysql>图片包含 文字

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