

Task 4 Visual Representation

```
MariaDB [(none)]> create database procrastinators;  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [(none)]> use procrastinators;  
Database changed
```

```
MariaDB [procrastinators]> show tables;
```

```
+-----+  
| Tables_in_procrastinators |  
+-----+  
| admin                      |  
| category                   |  
| customer                   |  
| listing                    |  
| product                    |  
| productcategory            |  
| retailer                    |  
| review                     |  
| review_response            |  
| user                       |  
+-----+
```

```
10 rows in set (0.001 sec)
```

```
MariaDB [procrastinators]> describe product;
```

```
+-----+-----+-----+-----+-----+-----+  
| Field      | Type      | Null | Key | Default | Extra      |  
+-----+-----+-----+-----+-----+-----+  
| ProductID  | int(11)   | NO   | PRI | NULL    | auto_increment |  
| ProductName | varchar(100) | NO   |     | NULL    |              |  
| Brand       | varchar(30) | YES  |     | NULL    |              |  
| Description | text      | YES  |     | NULL    |              |  
| ImageURL    | varchar(255) | YES  |     | NULL    |              |  
+-----+-----+-----+-----+-----+-----+
```

```
5 rows in set (0.042 sec)
```

```
MariaDB [procrastinators]> describe category;
```

Field	Type	Null	Key	Default	Extra
CategoryID	int(11)	NO	PRI	NULL	auto_increment
CategoryName	varchar(30)	NO	UNI	NULL	

2 rows in set (0.045 sec)

```
MariaDB [procrastinators]> describe productcategory;
```

Field	Type	Null	Key	Default	Extra
ProductID	int(11)	NO	PRI	NULL	
CategoryID	int(11)	NO	PRI	NULL	

2 rows in set (0.043 sec)

```
MariaDB [procrastinators]> describe review
```

```
-> ;
```

Field	Type	Null	Key	Default	Extra
ReviewID	int(11)	NO	PRI	NULL	auto_increment
ProductID	int(11)	NO	MUL	NULL	
UserID	int(11)	YES	MUL	NULL	
Date	date	NO		NULL	
Rating	int(11)	YES		NULL	
Comment	text	YES		NULL	

6 rows in set (0.046 sec)

```
MariaDB [procrastinators]> describe review_response;
```

Field	Type	Null	Key	Default	Extra
ResponseID	int(11)	NO	PRI	NULL	auto_increment
ReviewID	int(11)	NO	MUL	NULL	
Reply	text	YES		NULL	
Responder_Name	varchar(50)	YES		NULL	

4 rows in set (0.047 sec)

```
MariaDB [procrastinators]> describe user;
```

Field	Type	Null	Key	Default	Extra
UserID	int(11)	NO	PRI	NULL	auto_increment
UserName	varchar(100)	NO		NULL	
Email	varchar(100)	NO	UNI	NULL	
Password	varchar(255)	NO		NULL	
Role	enum('customer','admin')	YES		customer	

5 rows in set (0.044 sec)

```
MariaDB [procrastinators]> describe customer;
```

Field	Type	Null	Key	Default	Extra
UserID	int(11)	NO	PRI	NULL	
UserName	varchar(50)	YES		NULL	

2 rows in set (0.044 sec)

```
MariaDB [procrastinators]> describe admin;
```

Field	Type	Null	Key	Default	Extra
UserID	int(11)	NO	PRI	NULL	
ReviewCount	int(11)	YES		NULL	

2 rows in set (0.042 sec)

```
MariaDB [procrastinators]> describe listing;
```

Field	Type	Null	Key	Default	Extra
ListingID	int(11)	NO	PRI	NULL	auto_increment
ProductID	int(11)	NO	MUL	NULL	
RetailerID	int(11)	NO	MUL	NULL	
Date	date	NO		NULL	
Price	decimal(10,2)	YES		NULL	

5 rows in set (0.027 sec)

```
MariaDB [procrastinators]> describe retailer;
```

Field	Type	Null	Key	Default	Extra
RetailerID	int(11)	NO	PRI	NULL	auto_increment
RetailerName	varchar(100)	NO		NULL	
Country	varchar(50)	YES		NULL	
City	varchar(50)	YES		NULL	
Street	varchar(100)	YES		NULL	
RetailerURL	varchar(255)	YES		NULL	

```
6 rows in set (0.049 sec)
```