**Part 2: Data Entities, Attributes, and Files**

An entity is a significant component of business. Think about different subject areas of business that are worth tracking in a database.

For this assignment you will identify at least 5 entities and their attributes (at least 3 attributes per entity), and describe these entities in your **report** along with their data types using a table. Your report should contain the following details:

1. List 5 entities and provide a short description of each to identify what they are. For example:  
  
 Argles – the main product of the business. Tracking a,b,c,d, and e..

Dibbles – people who make argles. Tracking f, g, h, i, and j.

**Your descriptions must be more business-specific.**

2. Create 5 simple tables describing your entities, their attributes, and the data type of each attribute. For example:

|  |  |
| --- | --- |
| **Product Info** |  |
| Product Detail | varChar[20] |
| Quantity | Integer |
| Cost | Float |

In this case, the product info is the entity, the items in the left column are the attributes, and the data types are in the right column. You will create one table per entity in your design for a total of 5 tables.

3. Create .CSV files for your entities and attributes. Each entity should have its own file. That means you will end up with 5 CSV files. Each file should also have 3 records that are specific examples of that entity. Save these files to your github.

4. Repeat step 3, but format the files in XML. That means you will have 5 files with 3 records each that populate at least 3 attributes per record using XML tags. You can define the tags any way you choose, but you must use the XML style. Save these files to your github.

**Scoring**

#1 – 10 points for 5 entities and their descriptions.

#2 – 10 points for 5 tables

#3 – 15 points for 5 .CSV files containing 3 records and 3 or more attributes.

#4 – 15 points for 5 XML files containing 3 records and 3 or more attributes.

Total points: 50

**Warning: You must have your github URL in your document or you will lose points!**