

Individual assignment #2 – Database design
INFO 6540 – Data Management Winter 2022
10% of final grade

Task

Your task is to **update the gummybox_sales database to include reviews**. You have established the following **specifications and rules** for the new tables and fields:

- Reviews are associated with products and not orders.
- Only individual gummies can receive reviews.
- Only registered customers are allowed to post gummy reviews.
- A customer cannot review the same product twice
- Customer should be able to give a score between 0 and 5 to the product.
- The customer should also be able to include a short text (max. 500 characters) in their reviews.

Instructions

Download the info6540_lab2.zip file here: https://pmongeon.github.io/info6540/files/info6540_lab2.zip

The file contains:

- A word document with the database documentation (gummybox_sales.docx).
- An entity-relationship diagram designed with diagrams.net (gummybox_sales.drawio).
- A database model built with MySQL workbench (gummybox_sales.mwb).

Add the necessary tables and fields to the entity-relationship diagram

You can choose to update the diagrams.net version **or** the MySQL workbench version.

Add all the necessary tables to the db_documentation.docx file

Make sure to include the **names** and **descriptions** of your table(s) and fields, and the **data type** of your fields.

Note: for your **foreign keys**, make sure to use the same data type as the primary key of the referenced table. Use this format for the description: “**Foreign key referring to the [name of table] table.**”

To deposit on Brightspace by February 21th, 2022 at 11:59 pm:

- The updated entity relationship diagram (.drawio **or** .mwb file).
- The updated documentation for the gummybox_sales database. (.docx file).

Grade calculation

- The updated database design is valid (2.5 points)
- The fields included are relevant for the purpose of the new table(s) (2.5 points)
- The stated database rules are respected (2 points)
- The chosen data types are appropriate (1 point)
- The documentation is complete and clear (2 points)