

ANTHONY DEBRUYN

Year Project

Wysiwyd

The mobile wine cellar manager!

1 Introduction

2 The Database

2.1 The Entity Relationship Diagram

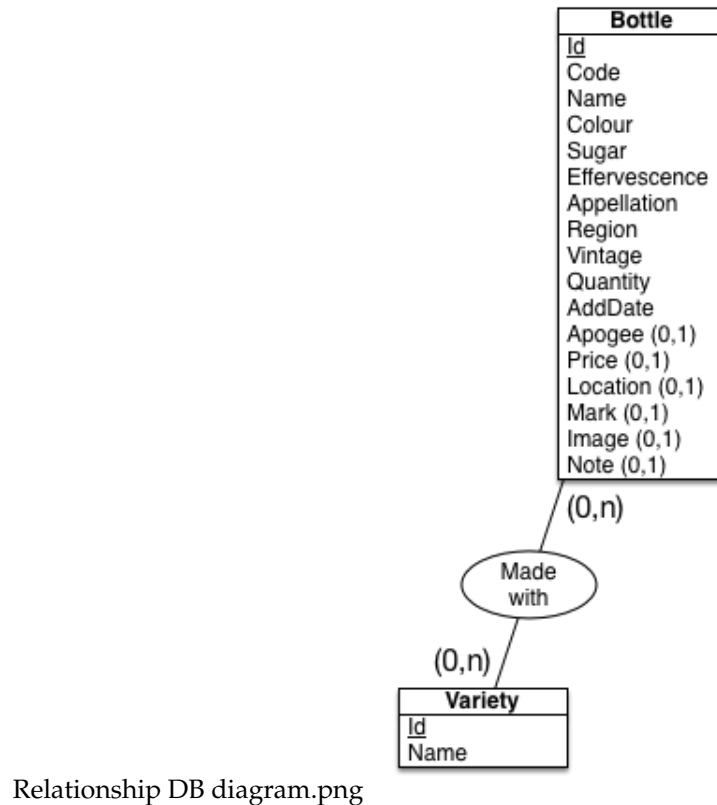


Figure 1: The ERD.

Constraints

- If the type is "Champagne", then the Year attribute is not mandatory.
- The AddDate must be \leq the current date.
- Id, Code, Quantity, Vintage, Apogee are a natural numbers.
- Price is a positive real number.
- Colour is a natural number in $\{0, 1, 2\}$.
- Sugar is a natural number in $\{0, 1, 2, 3\}$.
- Effervescence is a natural number in $\{0, 1, 2, 3\}$.
- Mark is a natural number in $\{0, 1, 2, 3, 4, 5\}$.

2.2 The Relational Model

2.3 Normalisation