

# TDT4145: Data Modelling and Database Systems

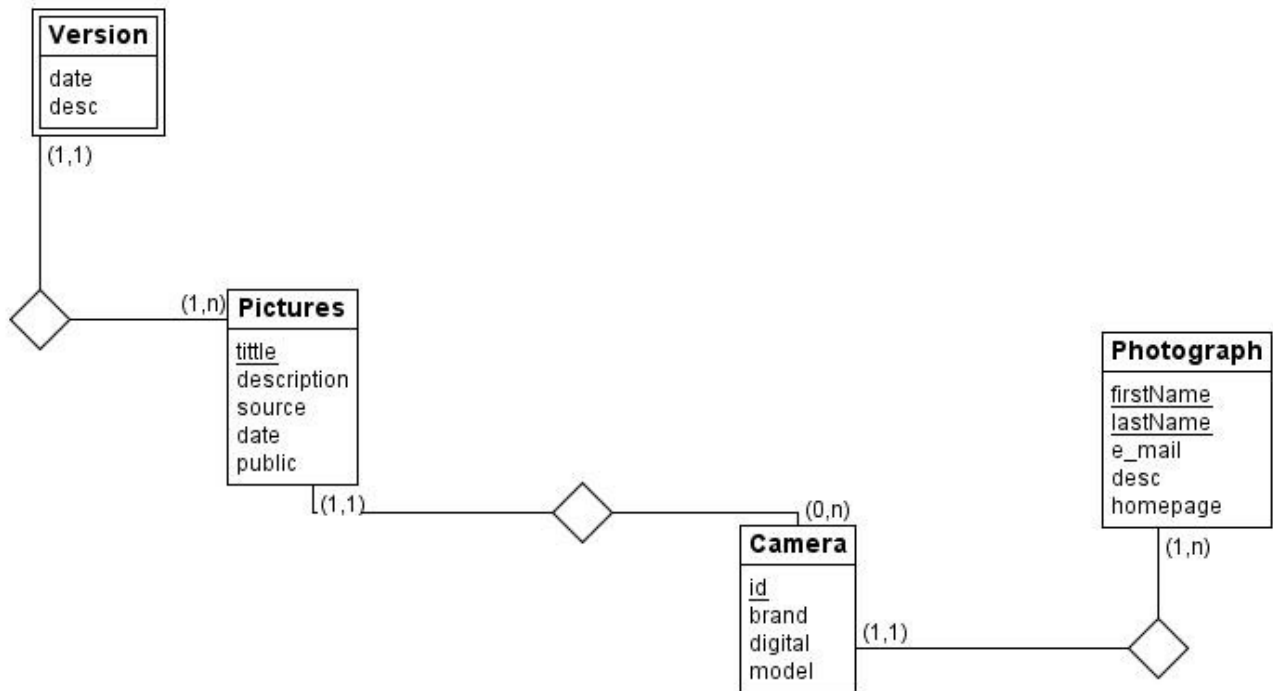
Project: “Picture database”

**[Exercise 3: “Implementation”]**

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# ER Diagram



## Comments about the implementation

- ✓ Entities not required in the implementation requirements have been eliminated, but no change has been made over the design.
- ✓ Derby does not allow delete on cascade, so the standard option restrict has been used.
- ✓ Derby does not have Boolean type, so Integer has been used instead.
- ✓ Our primary key for a version is date + id\_picture instead of having an id\_version as in the example code. So our pictures are identified by these two fields: ex: 01-01-1990-cabinTrip01.jpg. Constructors have been changed according to that as well.
- ✓ The script to create table has been changed to derby syntax (it was originally coded for mySql).