# LAB 1 – Advanced Databases –Kieran Hogan – C12561353

# DB Design

Q1)



The above is a logical design of how I would store this info in a database. I would implement a constraint that would for instance ensure that if it the toy is a teddy it will only allow the toy\_id to be used in the ToyTeddy table. This seemed to be the most simple and easy to implement and use solution. In terms of storage efficiency, it is reasonably good, as inserts only need to be done on two tables max per toy.

Q2) Logical Design



ER Diagram

