A Simple Case on ER Modelling

• Goal – to demonstrate how to build an E-R model from a simple Statement of Objectives of a movie store. ( given very clearly in statement forms)

Scenario:

• A video store rents movies to members.

• Each movie in the store has a title and is identified by a unique movie number.

• A movie can be in VHS, VCD, or DVD format.

• Each movie belongs to one of a given set of categories (action, adventure, comedy, ... )

• The store has a name and a (unique) phone number for each member.

• Each member may provide a favorite movie category (used for marketing purposes).

• There are two types of members:

o Golden Members:

o Bronze Members:

• Using their credit cards gold members can rent one or more movies and bronze members max. of one movie.

• A member may have a number of dependents (with known names).

• Each dependent is allowed to rent one (1) movie at a time.