BCDE103 Database Design

Assignment One:

Database Design for Wholey Moley Foods

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1. Introduction

The client requested for designing a data management system for his business. The data management system is required to track merchandise sales, employee information and customer information.

This report shows the database structure, database entity selection, key selection, data type selection, entity connectivity/relationships, database attributes, extent of normalization, etc.

2.Entities:

What entities are involved?

3.Key:

4.Bridging entities

5.Connectivity/Relationships

6.Attributes (simple, composite, multi-valued)

7.Extent of normalization

8. Supertype/subtype, cardinality – optional or mandatory, weak entity, recursive entity.