

Design Document

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This is a design document to show the attributes and associations in Ardkeen Stores.

Data Dictionary Entries

Products: The food and other items that are available for purchase in Ardkeen

Roster: Tells employees what times and days they are working for that week

Staff: Member of Ardkeen staff

Shelves: The shelves in which products are displayed

Customer: The person who purchases products at Ardkeen

Payment: Customers handing over currency for products

Logical Database Design

Products(supplier, quantity, productid)

Primary key: productid

Foreign key: shelfid

Shelfs(shelfid, section)

Primary key: shelfid references Customer(customerid)

Customer(customerid)

Primary key: customerid

Foreign key: staffid references Staff(staffid)

Payments(time, date, transactionid, method)

Primary key: transactionid

Staff(name, phoneNo, staffid)

Primary key: staffid

Roster(times, names, days, dates)

Primary key: dates

Foreign Key: staffid references Staff(staffid)

Conceptual Database Design

