**Problem 1**

Franchise

FranchId: retail database only

FranchRegion retail database only

FranchPostalCode: retail database only

FranchModelType: retail database only

Calendar

Date columns in the retail database (SalesDate, ServPurchDate, and MmbrDate) and spreadsheet (EventDate); hierarchical (year  month  day)

Item: combines Merchandise, Service, and Events

MerchId (Merchandise table) | ServId (ServiceCategory table)

MerchName (Merchandise table) | ServCatName (retail database) | Event Name (spreadsheet)

MerchType (Merchandise table) | Event Type Code (spreadsheet)

Customer: combines members and corporate customers

MmbrId (retail database) | Corporate Customer Id (spreadsheet)

MmbrName (retail database) | Corporate Customer Name (spreadsheet but must be parsed)

Corporate Customer Location (spreadsheet): must be parsed

MmbrEmail: retail database; hierarchical (top level domain  second level domain  local part)

MmbrZip: retail database only

MemTypeId: retail database only