## 

Figure 1: ERD for Retail Fitness Database

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| **Franchise** | | | |
| *FranchId* | *FranchRegion* | *FranchPostalCode* | *FranchModelType* |
| F1 | Northwest | 98011 | Full |
| F2 | Mountain | 80111 | Medium |
| F3 | Central | 45236 | Limited |

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| **MemberType** | | |
| *MemTypeId* | *MemTypeName* | *MemTypePrice* |
| M1 | Platinum | $1,000 |
| M2 | Gold | $800 |
| M3 | Value | $300 |

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| **ServiceCategory** | | |
| *ServCatId* | *ServCatName* | *ServCatPrice* |
| SC1 | Ball machine | $15 |
| SC2 | Private lesson | $75 |
| SC3 | Adult class | $150 |
| SC4 | Child class | $125 |

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| **Merchandise** | | | |
| *MerchId* | *MerchName* | *MerchPrice* | *MerchType* |
| MC1 | Wilson balls | $3 | Balls |
| MC2 | Wilson racket | $200 | Racket |
| MC3 | Adidas shoes | $100 | Shoes |
| MC4 | Racket stringing | $40 | Racket |

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| **Member** | | | | | | |
| *MmbrId* | *MmbrName* | *MmbrZip* | *MemTypeId* | *MmbrDate* | *FranchId* | *MmbrEmail* |
| 1111 | Joe | 98011 | M1 | 1-Feb-2009 | F1 | joe@serv1.com |
| 2222 | Mary | 80112 | M2 | 1-Jan-2010 | F2 | mary@serv2.com |
| 3333 | Sue | 45327 | M3 | 3-Mar-2011 | F3 | sue@serv3.com |
| 4444 | George | 45236 |  |  | F3 | george@serv4.com |

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| --- | --- | --- |
| **Sale** | | |
| *SaleId* | *SaleDate* | *MmbrId* |
| 1111 | 10-Feb-2013 | 1111 |
| 2222 | 13-Feb-2013 | 2222 |
| 3333 | 13-Feb-2013 | 2222 |
| 4444 | 14-Feb-2013 | 3333 |

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| **Contains** | | |
| *MerchId* | *SaleId* | *Qty* |
| MC1 | 1111 | 2 |
| MC2 | 1111 | 1 |
| MC4 | 2222 | 1 |
| MC3 | 3333 | 1 |
| MC4 | 4444 | 1 |

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| **ServicePurchase** | | | |
| *ServPurchId* | *ServPurchDate* | *MmbrId* | *PassCatId* |
| 1111 | 13-Feb-2013 | 1111 | SC1 |
| 2222 | 14-Feb-2013 | 2222 | SC2 |
| 4444 | 15-Feb-2013 | 4444 | SC3 |

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| **Special Events Worksheet** | | | | | |
| *Corporate*  *Customer Id* | *Corporate Customer Name*  *And Location* | *Event Type Code* | *Event Name* | *Event Date* | *Amount* |
| CC1 | First Data, Greenwood Village | L-A | Adult Social | 13-Feb-2013 | $1,000 |
| CC2 | DU Tennis, Denver | L-B | Pioneer Social | 14-Feb-2013 | $500 |
| CC3 | Creek High School, Greenwood  Village | L-C | Team Practice | 21-Feb-2013 | $200 |