**Reservation View**

**Initial Table (attribute list only)**

ReservationId, Date, PartySize, EventId, EventDescription, SpecialAccomodations, StaffId, Name, CustomerId, Name, Phone, Email

**1NF**

ReservationID(PK),EventID(FK), StaffID(FK), Date, PartySize, Special Accommodations, CustomerID, CustomerFirstName,CustomerLastName, CustomerPhone, CustomerEmail

EventID(PK), EventDescription

StaffId(PK), StaffFirstName, StaffLastName

**2NF**

ReservationID(PK),EventID(FK), StaffID(FK), Date, PartySize, Special Accommodations, CustomerID, CustomerFirstName,CustomerLastName, CustomerPhone, CustomerEmail

EventID(PK), EventDescription

StaffId(PK), StaffFirstName, StaffLastName

**3NF**

ReservationID(PK),EventID(FK), StaffID(FK), Date, PartySize, Special Accommodations,CustomerID(FK)

CustomerID(PK), CustomerFirstName,CustomerLastName, CustomerPhone, CustomerEmail

EventID(PK), EventDescription

StaffId(PK), StaffFirstName, StaffLastName

**Staff Training Status View**

**Initial Table (attribute list only)**

StaffId, Name, StaffTypeId, StaffTypeDescription, Wage, TrainingId, CompletionDate, TrainingStatusId, Description, Cost

**1NF**

StaffID(PK),TrainingStatusID(FK), TrainingID,Training Description, CompletionDate,Cost

StaffID(FK PK), Staff F.Name, Staff L.Name, StaffTypeID, StaffTypeDescription, Wage

TrainingStatusID(PK), TrainingStatusDescription

**2NF**

StaffID(PK FK),TrainingStatusID(FK), TrainingID, TrainingDescription, CompletionDate,Cost

StaffID(PK), Staff F.Name, Staff L.Name, StaffTypeID, StaffTypeDescription, Wage

TrainingStatusID(PK), TrainingStatusDescription

**3NF**

Staff Training

StaffID(PK FK),TrainingStatusID(FK), TrainingID(FK), CompletionDate,

Training

TrainingID(PK), TrainingDescription, Cost

StaffTypeInfo

StaffTypeID(PK), StaffTypeDescription, Wage

StaffPersonelInfo

StaffID(PK), Staff F.Name, Staff L.Name,StaffTypeID(Fk)

**Billing View**

**Initial Table (attribute list only)**

BillId, ReservationId, Date, MenuItemId, ItemName, Description, Quantity, ExtendedPrice, Price, SoldPrice, Subtotal, GST, Tips, Total

**1NF**

BillId(PK), ReservationId(PK), Date, MenuItemID(FK), Subtotal, GST, Tips, Total

MenuItemId(PK), ItemName, Description,Price, ExtendedPrice,SpecialRequests, Quantity

**2NF**

BillId(PK), ReservationId(PK), Date, MenuItemID(FK), Subtotal, GST, Tips, Total

MenuItemId(PK), ItemName, Description,Price, ExtendedPrice,SpecialRequests, Quantity

**3NF**

Reservation Bills

BillId(PK), ReservationId(PK), Date, MenuItemID(FK),

Bill Details

BillId(PK FK), ReservationId(PK FK),MenuItemID(PK FK),Subtotal, GST, Tips, Total

BilledItems

BillId(PK FK), ReservationId(PK FK),MenuItemID(PK FK),ExtendedPrice,SpecialRequests, Quantity

MenuItems

MenuItemId(PK), ItemName, Description, Price

**MERGED ERD**

A diagram of a software

Description automatically generated