Phase 2 Report/Updated EER
CS6400-Spring 2017
Team 22

Modification based on Phase I feedback:
* Added new entity: '**log**'
* Added new relation between '**log**' and '**Client**'
* Updated Bunk_ID as primary key for **'Bunk**'

Entity-Relationship Diagram

User entity with attributes: UserName, Email, User_ID, Password, Name (First Name, Last Name)

Site entity with attributes: Site_ID, Name, PhoneNumber, Physical Location (Street Address, City, State, ZipCode)

User — **Manage** (N:1) — Site

Request relationship with attributes: Number requested, Number Provided, Status

Site — **Provide** (1:N) — Service

Service entity with attribute: Service Name, Description, Hours of Operation

Foodbank entity

Foodbank — d — SubService

Item entity with attributes: Item_ID, Name, Unit, Storage Type, Expiration Date, Category, SubCategory

Item — **contain** (M:1) — Foodbank

SubService entity with attributes: Condition for Use, FamilyRoom Count

SubService — d — Food Pantries, Soup Kitchen, Shelter

log entity with attributes: DateTime, Description, Site_ID, Field Modified

log (N:1) — Client

Food Pantries entity

Soup Kitchen entity with attributes: Seat Capacity, Seat Available

Shelter entity

Shelter — **WaitList** (N:M) — Client (attributes: ID Description, Waitinglist Ranking, DateTime)

Shelter — **Has** (1:N) — Bunk

Bunk entity with attributes: Type, Bunk_ID, Count, Available Count

Client entity with attributes: Name, Client_ID, PhoneNumber, Head of Household