Project Phase 3 Relational Schema

Floor (FloorID, Building, FloorLevel)

Unique (Building, FloorLevel)

Location (LocationID, LocationName, LocationType, xcoord, ycoord, FloorID)

Location.FloorID references Floor.FloorID

Unique (LocationName)

Unique (xcoord, ycoord, FloorID)

Neighbor (Location1, Location2)

Neighbor.Location1 references Location.LocationID

Neighbor.Location2 references Location.LocationID

Services (ServiceName, HealthType)

ResidesIn (ServiceName, LocationID)

ResidesIn.ServiceName references Services.ServiceName

ResidesIn.LocationID references Location.LocationID

Provider (ProviderID, FirstName, LastName)

Title (Acronym, TitleName)

ProviderTitle (ProviderID, Acronym)

ProviderTitle.ProviderID references Provider.ProviderID

ProviderTitle.Acronym references Title.Acronym

Office (ProviderID, LocationID)

Office.ProviderID references Provider.ProviderID

Office.LocationID references Location.LocationID

Path (PathID, PathStart, PathEnd)

Path.PathStart references Location.LocationName

Path.PathEnd references Location.LocationName

PathContains (PathID, LocationID, PathOrder, Endpoint)

PathContains.PathID references Path.PathID

PathContains.LocationID references Location.LocationID