

```

          Urn Class
=====
UrnUID      : Key
CurDateTime : Date
UrnModel    : enum
Location    : String
Coffee      : enum
CoffeeList  : List<Coffee>
Samples     : List<Sample>
-----
Urn()
getStatus()      : obj
getProperties()  : obj
setDateTime()    : void
setCoffeeList()  : void
getAllSamples()  : List
getRecentSamples() : List
setSamplesAsRead() : void

```

```

          Sample Class
=====
SampleUID      : Long
LocalDateTime  : Date
LiquidLevel    : Float
LiquidTemperature : Float
-----
Sample(time, level, temp)

```

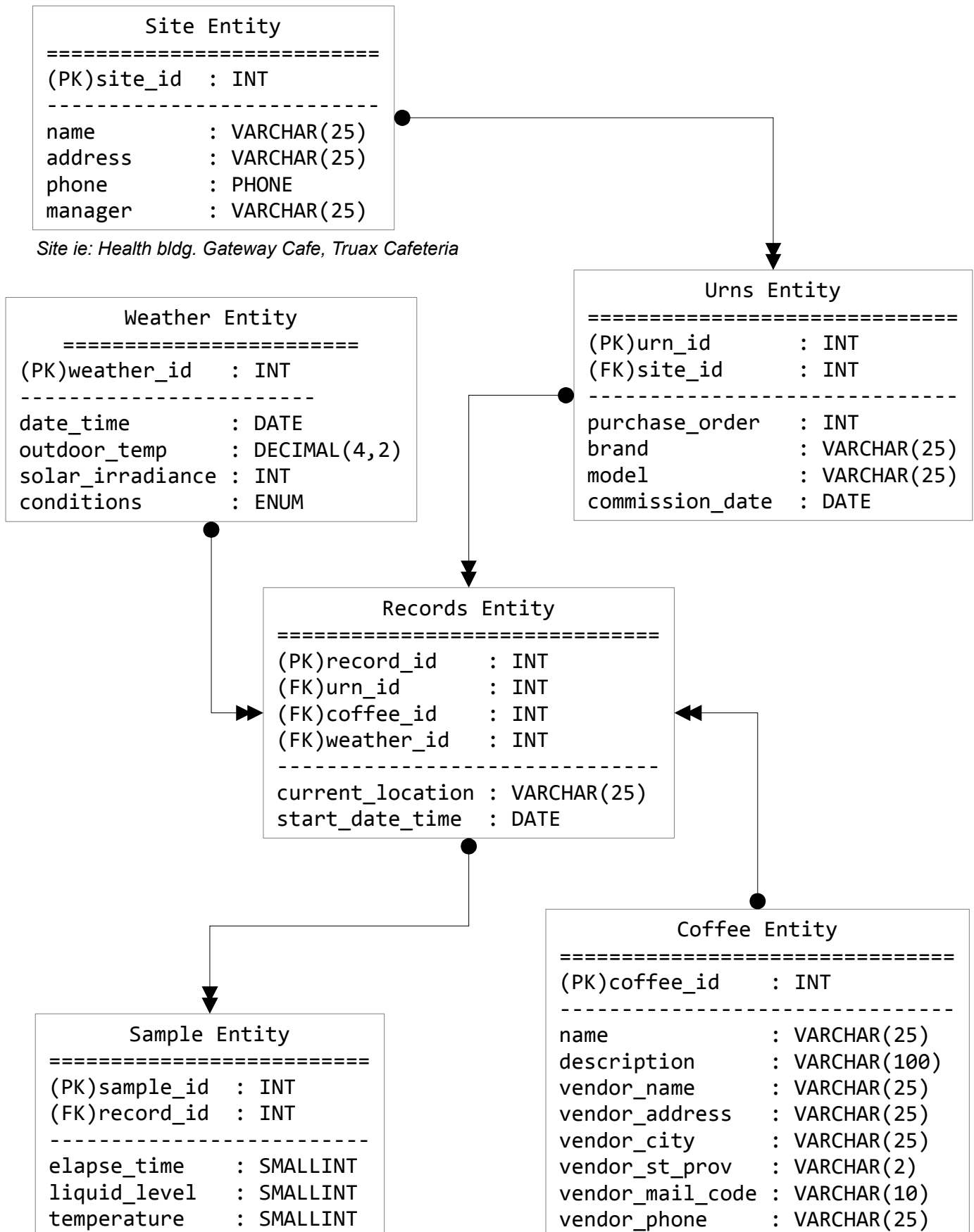
```

          Coffee Class
=====
CoffeeUID      : Enum(Key)
Name           : String
Description    : String
-----
Coffee()
setCoffeeList() : void

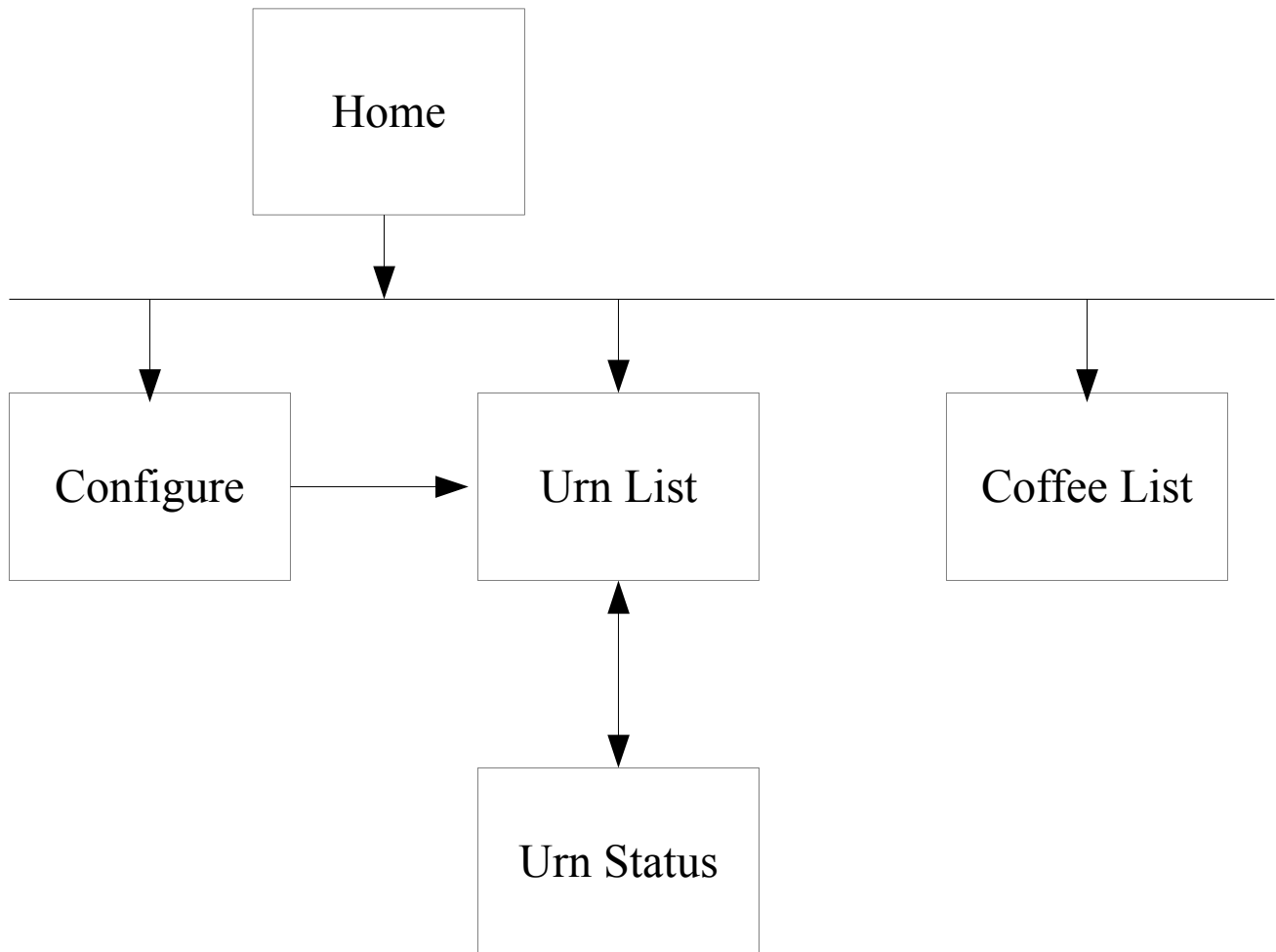
```

Carson the Coffee Butler ERD

2017_02_08



Storyboard



Configure Page

Find Urn:

New

By ID

By Location

By Coffee

Manage Urn:

Add to Management List

Configure Settings

Remove from Management List

Urn Settings:

Low Level Warning Threshold %

Low Level Alarm Threshold %

Low Temperature Warning deg.

Urn List Page

Table:

ID

Location

Coffee

Level

Individual Urn Status Page

Status:

Current Level

Current Temperature

Time Since Filling

Rate of Consumption

Estimated Time to Empty

Plots:

Level / Time

Consumption Rate / Time

Coffee List Page

Coffee:

Name

Description

VendorID

VendorName

VendorAddress

VendorCity

VendorStProv

VendorMailCode

VendorCountry

VendorPhone