**Class datarow**

Def - string

Provder id – string

Prov name – string

Address class (Street

City

State

Zip)

Ref- string

Total discharge - long

Cost – double

Methods

None for now

**Class address**

Street – string

City – string

State – string

zipCode – string

methods

none

**data structure for all rows**

* List

User stories

**Search based on code and procedure - priority 1**

**search for code**

* Method to get input
  + Input validation
* Method to search list data
* Sort based on showing the cheapest, smallest distance, biggest distance and most expensive

**search for procedure**

* mostly the same as code

**List display of matching information with details - priority 2**

* Format data for display
* display

***sprint 1 do 1 and 2, 3 – cmd line then start gui if time***

**Add location information - priority 3**

* get user location
  + get current location
  + get an input location

**Validate location – priority 4**

* remove special chars
* check valid zip
* check valid address
* check valid city
* check valid state

**List sorting, Map Integration, Filtering – priority 5**

**Filter data by cost – priority 6**

**Learn SSIS – priority 7**

**Construct SSIS database data load – priority 8**