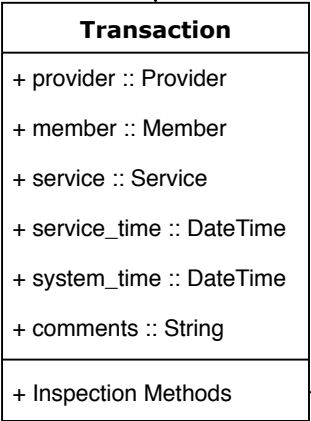
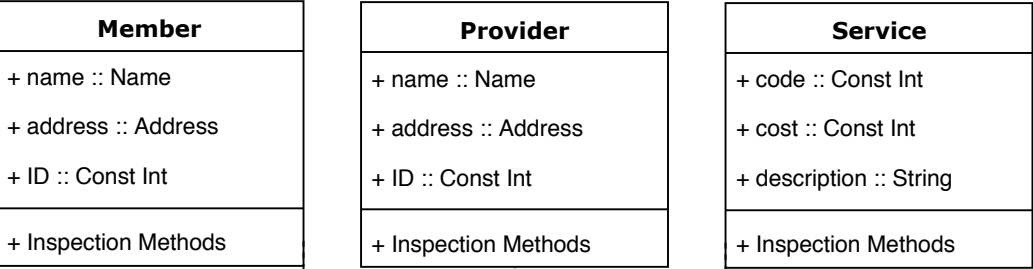
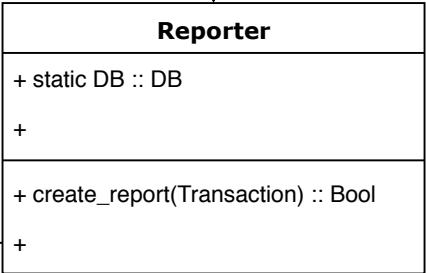


Core

Member/ Provider and Service are all simple Data classes whose **single responsibility** is to manage data related to its object.

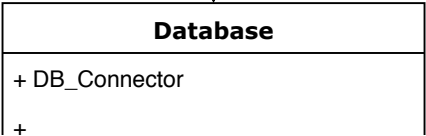


Transaction manages data related to service transaction. It should not be modifiable after creation. Thus, the only functions should be a smart constructor and inspection methods



TODO: Fully define Reporter responsibility

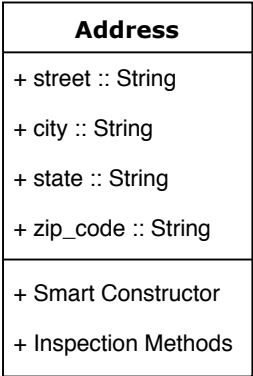
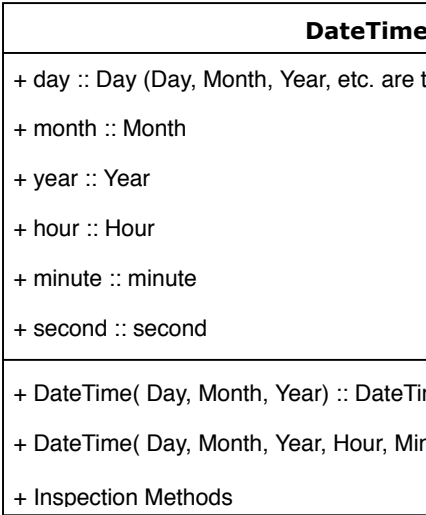
Reporter should compile reports from a transaction record by fetching the member/providers previous transactions from the DB and appending the new transaction to the end of it. This should create a new member/provider_report object that is then passed to the DB so it can update the record.



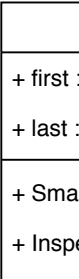
TODO: Fully defined database interface

Database will provide a interface to serialize/de-serialize member and provider report objects into a database or memory

Utility

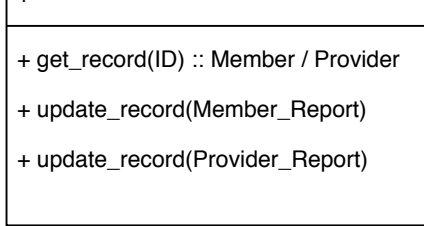


TODO, consider type wrappers for street, city, state, etc.



| |
|-----------------------------------|
| ... |
| ... (type wrappers around an int) |
| ... |
| ...me |
| ...ute, Second) :: DateTime |

| Name |
|-------------------|
| ... :: String |
| ... : String |
| ...rt Constructor |
| ...ection Methods |



database or memory.

