List of Issues

(Member functions and variables highlighted in **bold**)

1. Class Identified and Documented are abstract classes, yet it was allowed to create the objects of Identified and Documented in main.cpp.
2. From class Instantiation to ComponentInstantiation, the type of the function **getInstantiated()** was supposed to change from Documented to Component. However, some errors occurred during this change, so **getInstantiated()** was given types of Documented\* and Component\* instead.
3. In class Signal, **getInstantiated()** was given a type of Component\* as well.
4. In class SequenceAnnotation, the function **getInstantiated()** was not allowed to have a type of SequenceComponent because of the virtual function issues, so it was given a type of Component\* instead.
5. Similarly, in class ModuleInstantiation, **getInstantiated()** was given a type of Component\* instead.
6. Regarding couting the objects, class Port and PortMap could not dereference the pointer to ComponentInstation and Port objects.

* Port could not dereference the variable **exposes** which has a type of ComponentInstantiation\*, so Port was set to print the pointer to **exposes** instead.
* PortMap could not dereference the variable **mapping** which also has a type of ComponentInstantiation\*, so PortMap was set to print the pointer to **mapping**.
* PortMap could not dereference the variable **port** which has a type of Port, so PortMap was set to print the pointer to **port**.