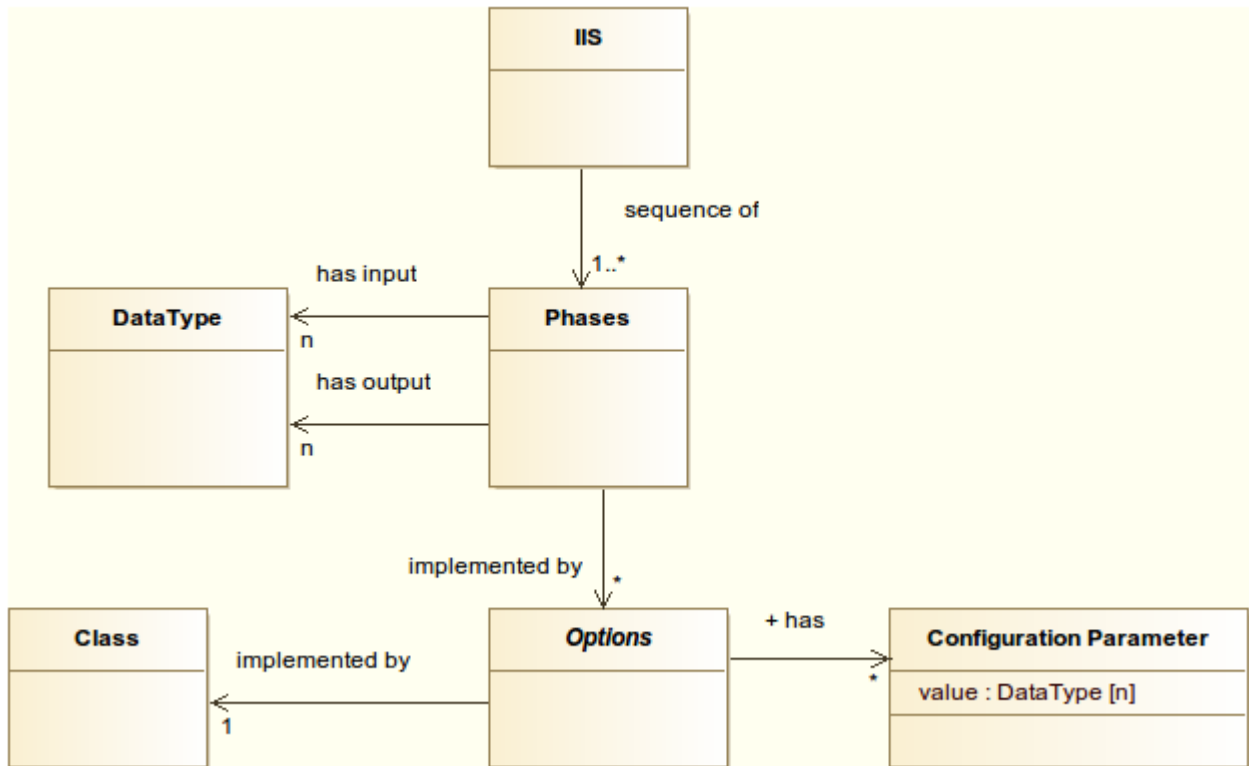
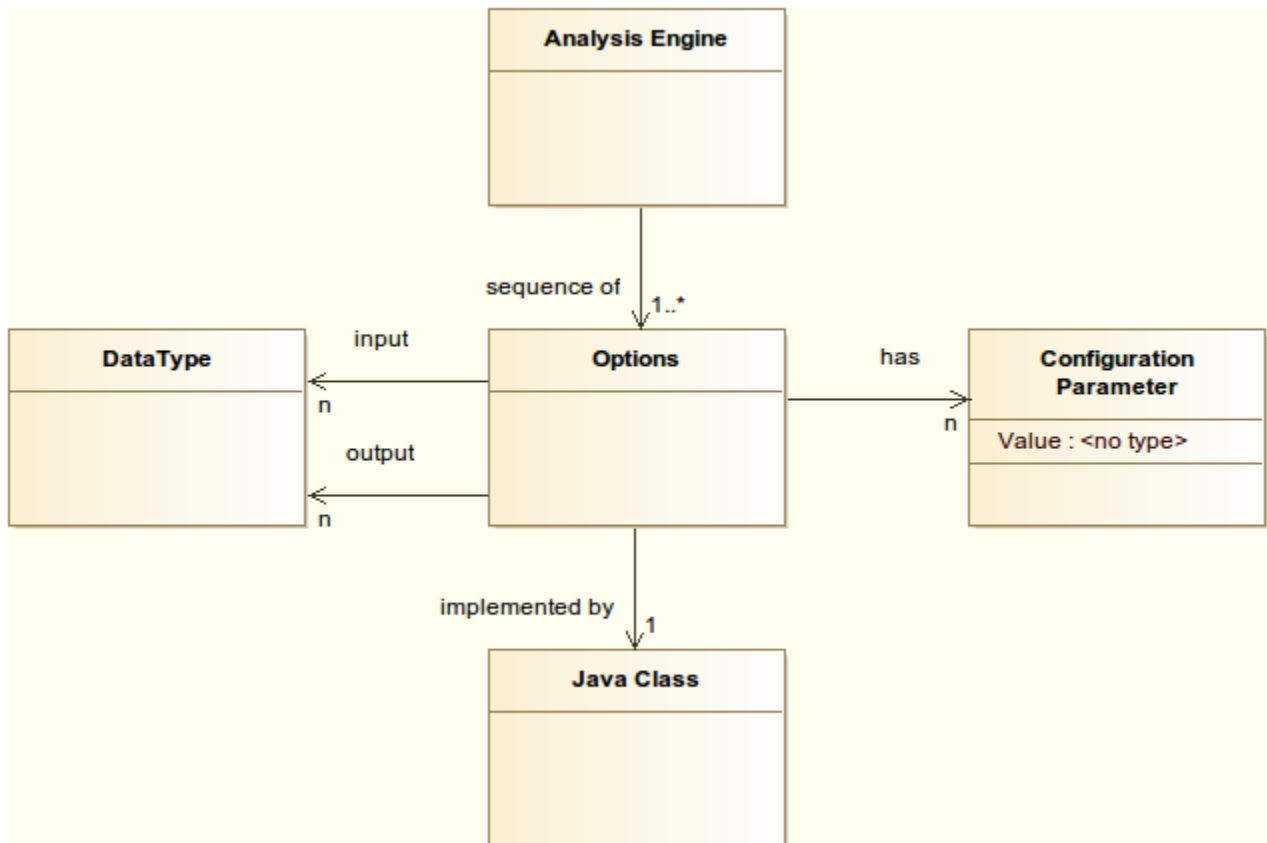


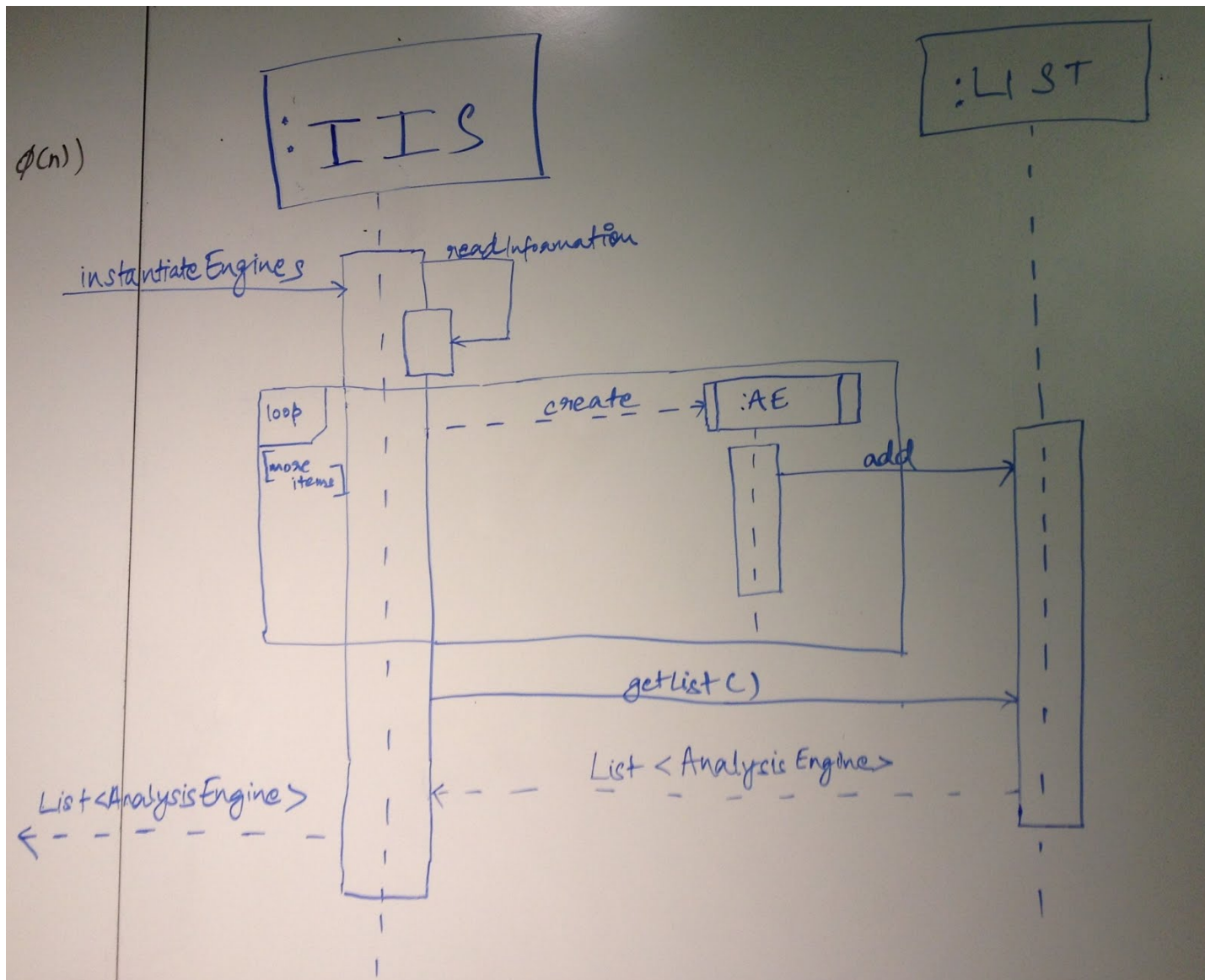
## UML Diagrams

1.



2.





Note: The first two diagrams are made using Modelio(<http://www.modeliosoft.com/>) which mandates us to give the data type of the attribute. For Q1, the data type of the "value" attribute is not specified, so I took it as "Data Type".

The last question(Q3) is made on a whiteboard as I couldn't find a good software for Linux to model sequence diagrams. I used another class/object to store the list of AE's.