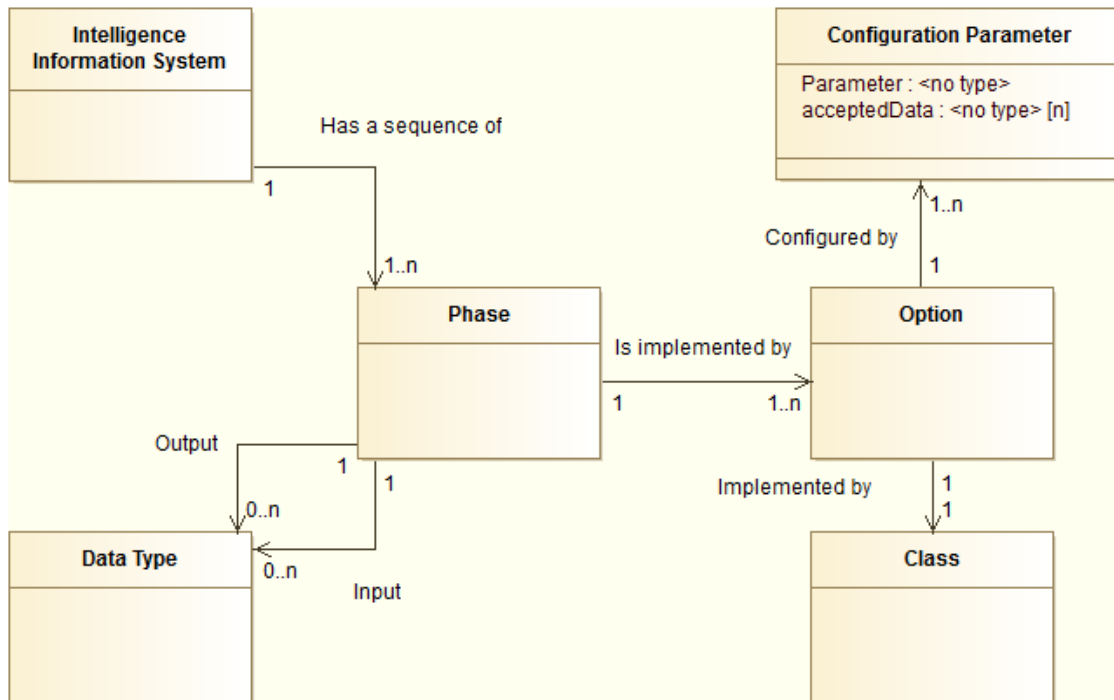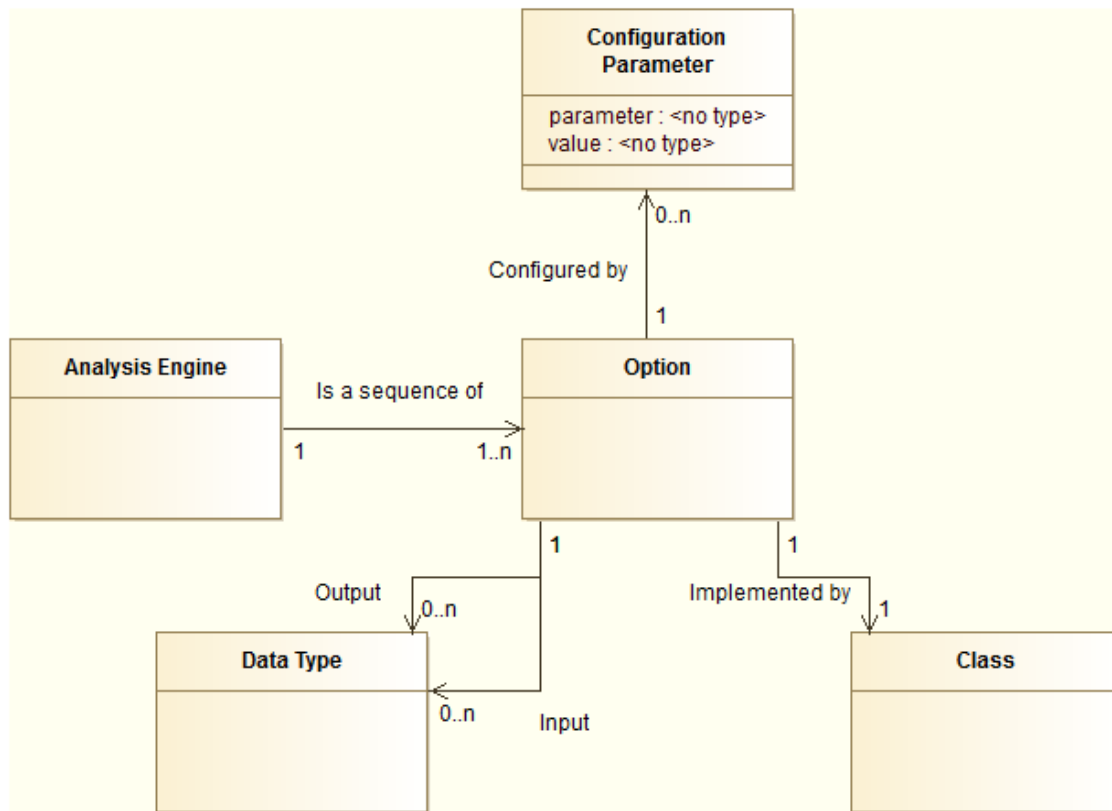# UML Design of Homework 1

Li Yiwei

1. The UML doman diagram is shown as below:

2. The UML domain diagram

Configuration Parameter

parameter : <no type>
value : <no type>

0..n

Configured by

1

Analysis Engine

Is a sequence of

1   1..n

Option

1

Output

0..n

1

Implemented by

1

Data Type

0..n   Input

Class

3. The sequence diagram is shown as below:

Intelligent Information System

initiateEngines

readAnalysisEngineInformation

create() → **List**

loop [more analysis engine to create]

create(information) → **Analysis Engine**

AnalysisEngine

add(AnalysisEngine)

List<AnalysisEngine>