include times   *include VDM haymo...*

```
class  Alarm

types

public  String  =  seq  of  char;

instance  variables

descr  :  String;

operations

public  Alarm:  String  ==>  Alarm
Alarm(str)  ==  (  descr  :=  str  );

public  setDescr:  String  ==>  ()
setDescr(str)  ==  (descr  :=  str)

end  Alarm
```

The class `Alarm` features an instance variable, a constructor and a simple operation.

```
class  Plant

instance  variables

alarms    :  set  of  Alarm;
schedule  :  Period;

types

public  Period  =  token;

operations

public  Plant:  set  of  Alarm  *  Period  ==>  Plant
Plant(als,sch)  ==  (
   alarms  :=  als;
   schedule  :=  sch
)

end  Plant
```

The class `Plant` features two instance variables, a custom type and a constructor. What is interesting here is the instance variable `alarms` which is defined using another class.