# Reverse Engineering: State Diagram

You are given an example of a proof-of-concept example project for an Alarm System. Your task is to draw the state diagram that reflects the actual implementation of the code.

The code can be found in:

<https://git.fhict.nl/technology/t-sem2-code/tree/master/es2/StartPointForExercises/Examples/alarm-states>

Draw a state diagrams showing:

* The different states
* The events that occur

## Additional assignment:

If applicable you will also draw the actions that occur on a state transistion. Perform some research on how you can draw actions in UML state diagrams.