



Name : Sajjad Younas

Id : 13850

Instructor: Mam Aasma Khan

Course Name: Software Design And Architecture

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Question No : 01

MCQs

- 1:- d) Scenario based elements.
- 2:- d) Both a and b.
- 3:- c) Both a and b.
- 4:- d) a , b and c.
- 5:- d) b and c.
- 6:- d) All of the above.
- 7:- b) False.
- 8:- a) True.
- 9:- b) That its component can be easily reused in the development of other software systems.
- 10:- b) Focus on just one thing.
- 11:- d) Measure the interconnection among modules in a software structure.
- 12:- c) Is inaccessible to other modules.
- 13:- a) Process lots of data.
- 14:- d) Uses mathematical notation.
- 15:- c) Is used for the large system that can be modularized.

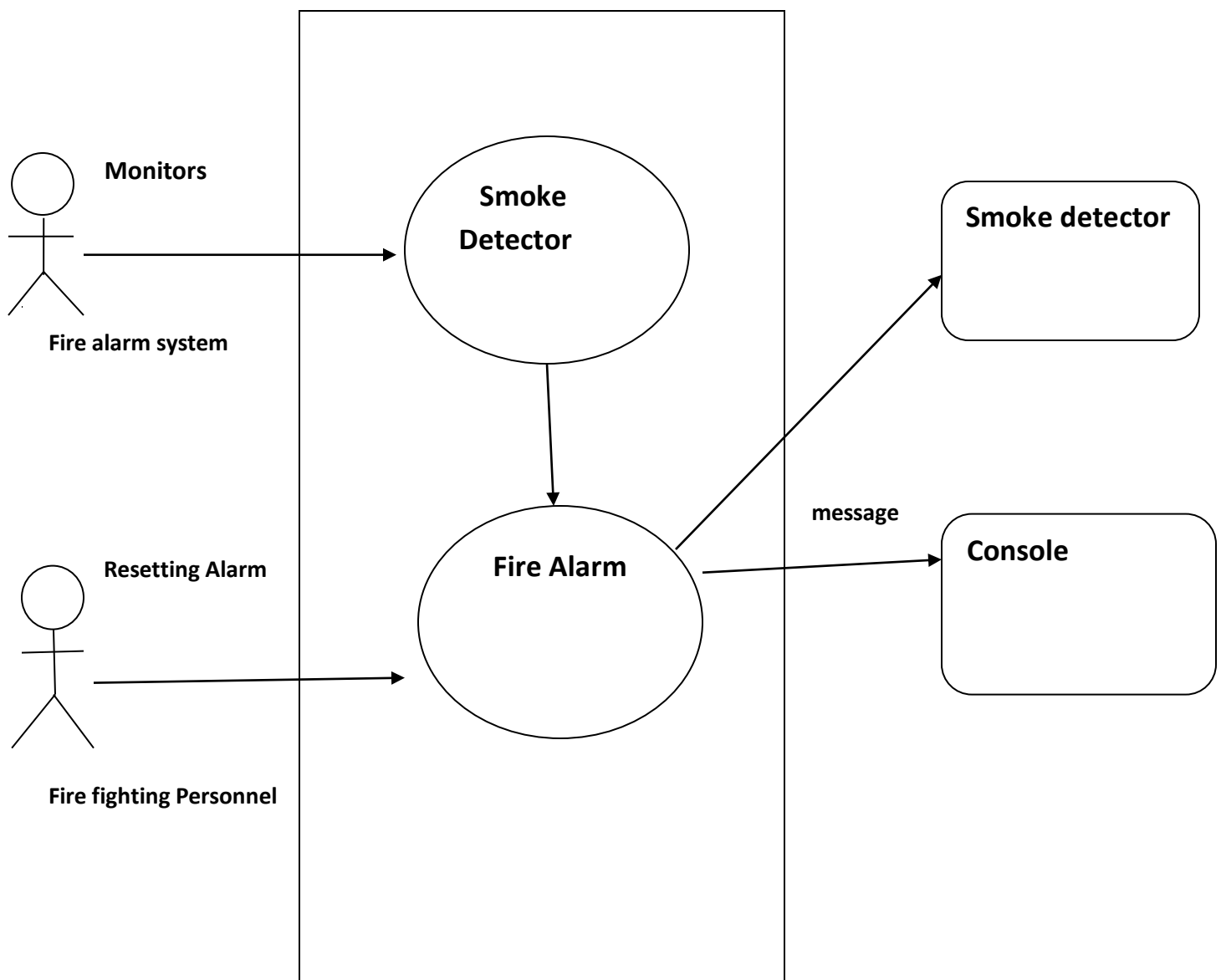
Question No: 02

Case Study :Fire alarm

Ans :- a) The above fire alarm system are used to monitor the status of the smoke detector placed in each room of the building. It also determine the location at which the fire condition has occurred and it flash an alarm message on the computer console. It support resetting the alarm by the fire fighting personnel.

b)

Use case diagram: Fire Alarm



c)

Activity diagram :-

