



**Faculty of Engineering & Technology
Electrical & Computer Engineering Department**

Assignment 6

Solved by: Mohammad abu-zenah

1181965

Instructor: Dr. Abdel Salam Sayyad

Section: 1

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Assignment 6

Engineer Ahmad wrote the user manual for a dish-washing machine. In the section about “safety precautions”, he wrote about the possibility of fire as a result of an extreme power surge, which is very rare, with a recommendation to use a surge protector. Two years later, Ahmad discovered that the user manual had been edited to remove that safety precaution.

Knowing that 2000 machines had been sold, and no fires reported thus far, what do you think Ahmad should do?

Provide two different scenarios and their recommended course of action.

Solution :

First scenario:

Engineer Ahmed informs his manager about the matter and that the problem must be fixed and people are told about it to take their precautions, but the manager refuses to do anything about this problem under the pretext that it is not worth bothering themselves in it. The probability of a fire is very rare and also that the company has sold a large number of The devices without any fire, Ahmed does not like the position of the manager , but tells himself that he has done what he can do and he cannot do anything else, and after a while one of these machines burns and causes great damage and the matter is discovered by the police, which distorts the name and reputation of the company and causes Big losses, then closed the company, and Ahmed later losing his job.

Engineer Ahmed can contact his manager and inform him of the need to fix the mistake he made and hide it from people, so they must amend the guide and add the warning that they removed and published it in newspapers, magazines and other social media. To inform people about an error in the directory and to register their

data in order to obtain a new user guide. In doing so, it is justified without incurring economic losses or losing the company's reputation.

The second scenario:

Engineer Ahmed can contact his manager and inform him of the necessity to fix the error that occurred and not to hide it from people. He suggests that the user manual be amended from now on in the devices that have not been sold yet.

They should also publish in newspapers and social media, and urge people to be careful when using these devices

After thinking and debate, the manager agreed to the matter in order to solve any problem that might occur in the future and cause the collapse of the company's reputation, and Ahmed's proposal from the company was implemented and no problems occurred regarding these machines