Homework lesson 2

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Level 1

1. Object: Singing Cactus

The cactus is a toy in a soft pot. It's about 15 cm tall.It has inbuilt lights, a recorder and a speaker. It has a button underneath to turn it on and off. It also has two other buttons on the pot. One is supposed to turn on a dictaphone and record whatever you say and repeat it when you finish talking. Another button is supposed to play music, by keeping clicking on that button you are supposed to change songs. While playing songs the cactus should dance and the colorful lights should be on, blinking.

1. I checked if it looks as a picture on amazon レ
2. I click on the ON button レ
3. I click on the recorder button ❗

It doesn’t record well, sometimes saying something reality loud helps. It doesnt repeat properly as well, at times it just makes weird sounds.

1. I click on the button to play songs. レ
2. I keep clicking to change songs. レ
3. I check if lights are on.レ
4. I check if it dances.レ
5. I turn it off and check if the recorder button works. レ
6. I turn it off and check if the music button works. レ

2. Verification is to make sure that product meets all given requirements. That everything works properly,there are no defects, that it’s a good quality product.

Validation is to make sure that it’s right to serve its purpose from a customer point of view.

Level 2

1. Types of companies

№ Type of Company Pros Cons

1. Product Based Higher salary Looks for skilled

Flexible working hours employees

High job security Needs experience in

particular field

Hire limited number of

candidates

Cracking interviews

More rounds

2. Service Based Can hire candidates with Comparatively less

less or no experience salary

Easy interviews 7-9 working hours per

day

Low job security.

1. Unsuccessful product validation or verification

I bought a dress that looked well made at the start. But after first wearing stitching started to break everywhere. Verification should have picked up that the stitching was not good. Validation should have ensure that the good stitching requirement was met.

Level 3

1. The importance of testing principles

Testing Is Context Dependent

This principle says that all developed software is not identical and you should use a different approach, techniques and types of testing to work with it. The analogy from my life experience is teaching. I should have always acknowledge who I am teaching. Their age, capability, weak and strong points, their time and their goal. I couldn’t teach everyone using the same approach.

Early testing

As it says that it is much cheaper to fix a defect on early stages of testing. The analogy will be from my previous occupation as well. It was always easier to notice any grammar or any other mistake and explain how it should be as early as possible. Because if a person uses something in a completely wrong way within some amount of time it would be very difficult to change it.